

# Guide to—Sources of Statistics, State Statistical Abstracts, and Foreign Statistical Abstracts

Alphabetically arranged by subject, this guide contains references to the important primary sources of statistical information for the United States. Secondary sources have been included if the information contained in them is presented in a particularly convenient form or if primary sources are not readily available. Nonrecurrent publications presenting compilations or estimates for years later than 1982 or types of data not available in regular series are also included.

Much valuable information may also be found in State reports (see pp. 910-913) and foreign statistical abstracts (see pp. 914 and 915) and in reports for particular commodities, industries, or similar segments of our economic and social structures, many of which are not included here.

Publications listed under each subject are divided into two main groups: "U.S. Government" and "Other." The location of the publisher of each report is given except for Federal agencies located in Washington, DC. Most Federal publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, tel. 202-783-3238, or from Government Printing Office bookstores in certain major cities. In some cases, Federal publications may be obtained from the issuing agency.

Major reports, such as the Census of Population, which consist of many volumes, are listed by their general, all-inclusive titles.

## Bureau of the Census Publications

In most cases, separate reports of the most recent censuses are available for each State, subject, industry, etc. Complete information on publications of all the censuses and current surveys conducted by the Bureau of the Census appears in the *Bureau of the Census Catalog*, published annually and available from the Superintendent of Documents.

Abortions—see Vital Statistics.

**Accidents** —see also Health; Insurance; and Vital Statistics

### U.S. Government

#### Bureau of Labor Statistics

Evaluating Your Firm's Injury and Illness Record, Construction Industries, Report 776 (1990).

Handbook of Labor Statistics. 1989.

Heatburn Injuries, Bulletin 2358 (1990).

Injuries Involving Longshore Operation, Bulletin 2326 (1989).

Occupational Injuries and Illnesses in the United States by Industry. Annual.

#### Department of Transportation

Transportation Safety Information Report. Quarterly.

#### Federal Railroad Administration

**Accidents** —Con.

### U.S. Government —Con.

Accident/Incident Bulletin. Summary, statistics, and analysis of accidents on railroads in the United States. Annual.

Rail-Highway Crossing Accident/Incident and Inventory Bulletin. Annual.

#### Mine Safety and Health Administration

Informational Reports by Mining Industry: Coal; Metallic Minerals; Nonmetallic Minerals (except stone and coal); Stone, Sand, and Gravel. Annual.

Mine Injuries and Worktime. (Some preliminary data.) Quarterly.

#### National Center for Health Statistics

Vital Statistics of the United States. Annual.

Volume I, Natality

Volume II, Mortality

Volume III, Marriage and Divorce

#### National Transportation Safety Board

**Accidents —Con.***U.S. Government —Con.*

Accidents; Air Carriers. Annual.

Accidents; General Aviation. Annual.

*Other*

Metropolitan Life Insurance Company, New York, NY

Health and Safety Education.

Statistical Bulletin. Quarterly.

National Fire Protection Association, Quincy, MA

NFPA Journal. Bimonthly.

National Safety Council, Itasca, IL

Accident Facts. Annual.

**Agriculture —see also Food; Foreign Commerce; Labor; Money and Banking; and Population***U.S. Government*

Bureau of the Census

Census of Agriculture. Quinquennial. (1987, most recent.)

U.S. Commodity Exports and Imports as Related to Output. Annual. (Series ES2.)

Bureau of Reclamation

Summary Statistics:

Vol. I, Water, Land, and Related Data.

Commodity Futures Trading Commission

Annual Report.

Commitments of Traders in Commodity Futures. Bi-Monthly.

Department of Agriculture

Agricultural Income and Finance. Situation and Outlook Report. Quarterly.

Agricultural Outlook. 11 issues per year.

Agricultural Price Reports. Reports on prices received for farm commodities, prices paid for farm supplies, indexes and parity ratios. Monthly and annual.

Agriculture and Trade Reports (five per year).

Western Europe

Pacific Rim

Developing Economies

China

USSR

The Agricultural Work Force of 1987: A Statistical Profile. (Agricultural Economic Report No. 609.) May 1989.

Crop Production Reports. Acreage, yield, and production of various commodities. Monthly and annual.

Crop Values Report. Price and value of various commodities. Annual.

Economic Indicators of the Farm Sector. A series of five annual issues.

Farmline. 11 issues per year.

Fertilizer Use and Price Statistics, 1960-88. (Statistical Bulletin No. 780.) Periodic.

**Agriculture —Con.***U.S. Government —Con.*

Financial Characteristics of U.S. Farms, January 1, 1989. (Agriculture Information Bulletin. No. 569.) Annual.

Food Consumption, Prices, and Expenditures, 1968-89. (Statistical Bulletin No. 825.) Revised annually.

Food Marketing Review, 1989-1990. (Agricultural Economic Report No. 639.) Revised annually.

Food Spending in American Households. (Statistical Bulletin No. 824.) Annual.

Foreign Agricultural Trade of the United States (FATUS) six issues with annual supplements on calendar year and fiscal year trade data.

Fruit and Vegetable Reports. Acreage, yield, production, value, and utilization of various fruits and vegetables. Periodic.

Journal of Agricultural Economics Research. Quarterly.

Livestock and Meat Statistics, 1984-88. (Statistical Bulletin No. 784.) Annual.

Milk and Dairy Products Reports. Milk cows, milk production, and dairy products. Monthly and Annual.

Other Reports. Reports on varied items including cold storage, farm employment and wages, farm production expenditures, mink, mushrooms, and floriculture crops. Monthly and annual.

Poultry and Egg Reports. Reports covering eggs, chickens, turkeys, hatcheries, egg products, and poultry slaughter. Weekly, monthly, annual.

Rural Development Perspectives. Three issues per year.

Rural Conditions and Trends. Quarterly.

Situation and Outlook Reports. Issued for agricultural exports, cotton and wool, dairy, feed, fruit and tree nuts, agricultural resources, livestock and poultry, oil crops, rice, aquaculture, sugar and sweeteners, tobacco, vegetables, wheat, and world agriculture. Periodic.

Stock Reports. Stocks of grain, hops, peanuts, potatoes, rice, and soybeans. Quarterly, annual, periodic.

U.S. Egg and Poultry Statistical Series, 1960-89. (Statistical Bulletin No. 816.) Periodic.

U.S. Rice Distribution Patterns, 1986/87. (Statistical Bulletin No. 776.) Periodic.

Weekly Weather and Crop Bulletin. Report summarizing weather and its effect on crops the previous week. Weekly.

Farm Credit Administration. Annual Report.

Loans and Discounts of Farm Credit Banks and Associations. Annual.

National Oceanic and Atmospheric Administration

Weekly Weather and Crop Bulletin. National summary.

**Agriculture —Con.***U.S. Government —Con.*

## Soil Conservation Service

National Resources Inventory, 1982. Periodic.

Report of Administrator of Soil Conservation Service. Annual.

Air Force —*see* National Defense.Air Pollution —*see* Environment.Aliens —*see* Immigration.American Samoa —*see* Outlying Areas.Area —*see* Geography.Army— *see* National Defense.Aviation— *see* Transportation.Banks and Banking— *see* Money.Births— *see* Vital Statistics.Broadcasting— *see* Communications.Building Permits— *see* Construction.**Business** —*see also* Economic Indexes; Investments; Manufactures; Retail and Wholesale Trade; Science Resources; and Service Establishments*U.S. Government*

Administrative Office of the United States Courts

Annual Report of the Director.

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of the Census

Census of Retail Trade. Quinquennial. (1987, most recent.)

Census of Service Industries. Quinquennial. (1987, most recent.)

Census of Wholesale Trade. Quinquennial. (1987, most recent.)

Census of Transportation. Quinquennial. (1987, most recent.)

County Business Patterns. Annual.

Characteristics of Business Owners. 1982.

Current Business Reports. Retail Trade, Sales, and Inventories, BR; and Wholesale Trade, Sales, and Inventories, BW.

Minority-Owned Businesses. Quinquennial. (1987, most recent.)

Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations.

Bureau of Economic Analysis

Business Statistics, 1963-91. 1992.

The Detailed Input-Output Structure of the U.S. Economy, 1982. 1991.

Fixed Reproducible Tangible Wealth in the United States, 1925-89. 1993.

The National Income and Product Accounts of the United States, 1929-1988: Statistical Tables. Volume I, 1993 and Volume II, 1992.

Summary Input-Output Tables of the U.S. Economy: 1966-87, 1992.

Survey of Current Business. Monthly.

U.S. Direct Investment Abroad: 1989 Benchmark Survey, 1992.

**Business —Con.***U.S. Government —Con.*

U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and their Foreign Affiliates, Preliminary 1990 Estimates, 1992.

Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President. Annual.

Internal Revenue Service

Statistics of Income.

Corporation Income Tax Returns. Annual.

Statistics of Income Bulletin. Quarterly.

International Trade Administration

U.S. Industrial Outlook. Annual.

Patent and Trademark Office

Commissioner of Patents and Trademarks Annual Report.

Patenting Trends in the United States, State Country Report, 1963-1988.

Technology Assessment and Forecast Report - "All Technologies." Annual.

Securities and Exchange Commission

Annual Report.

Statistical Review. Monthly. (Discontinued February 1989.)

Small Business Administration

Annual Report.

*Other*

The Conference Board, New York, NY

Economic Road Maps. Monthly.

The Dun &amp; Bradstreet Corporation, New York, NY

The Business Failure Record. Annual.

Monthly Business Starts Report.

Monthly Business Failure Report.

Monthly New Business Incorporations Report.

Quarterly Survey of Business Expectations.

Fortune (Time Warner), New York, NY

The Fortune Directory of the 500 Largest Industrial Corporations. (Annual supplement to Fortune.)

The Fortune Directory of the 500 Largest Non-industrial Corporations. (Annual supplement to Fortune.)

National Bureau of Economic Research, Cambridge, MA

Financial Aspects of the United States Pension System, Zvi Bodie and John B. Shoven, editors. 1983. (University of Chicago Press, Chicago, IL.)

The U.S. National Income and Product Accounts: Selected Topics, Murray F. Foss, editor. 1982. (Studies in Income and Welfare, No. 47.) (University of Chicago Press, Chicago, IL.)

**Child Welfare** —*see* Education; and Social Insurance.

City Government —see State and Local Government.

Civil Service —see Federal Government; and State and Local Government.

**Climate** —see also Agriculture

*U.S. Government*

National Oceanic and Atmospheric Administration

Climatology of the United States, No. 20, Supplement No. 1, Freeze/Frost Data.

Climatology of the United States, No. 81: Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1951-80. 1982. Issued by State.

Climatological Data. Issued in sections for States and outlying areas. Monthly with annual summary.

Comparative Climatic Data Through 1987. General Summary of Tornadoes. Annual.

Hourly Precipitation Data. Monthly with annual summary; for each State.

Local Climatological Data. Monthly with annual summary; for major cities.

Storm Data. Monthly.

Weekly Weather and Crop Bulletin. National summary.

Commerce —see Foreign Commerce; Retail and Wholesale Trade; and Transportation.

**Commodity Prices** —see also Economic Indexes

*U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of Labor Statistics

Consumer Prices: Energy and Food. Monthly.

CPI Detailed Report. Monthly.

Handbook of Labor Statistics. 1989.

Monthly Labor Review.

Producer Price Indexes. Monthly, with annual supplement.

Relative Importance of Components in the Consumer Price Indexes. Annual.

U.S. Import and Export Price Indexes. Monthly.

Department of Agriculture

Agricultural Price Reports. Monthly and annual.

*Other*

Commodity Research Bureau, a Knight-Ridder Business Information Service, New York, NY

Commodity Year Book Statistical Abstract Service. (Three editions annually.)

CRB Commodity Index Report. Weekly.

CRB Commodity Year Book. Annual.

CRB Futures Chart Service. Weekly.

Electronic Futures Trend Analyzer. Daily.

Futures Market Service. Weekly.

**Commodity Prices** —Con.

*Other* —Con.

Wall Street Journal. (Dow Jones & Co., New York, NY.) Daily except Saturdays, Sundays, and holidays.

**Communications** —see also Newspapers

*U.S. Government*

Bureau Of Labor Statistics

Outlook for Technology and Labor in Telephone Communications, Bulletin 2357 (1990).

Federal Communications Commission

Annual Report.

Statistics of Communications Common Carriers. Annual.

Rural Electrification Administration

Annual Statistical Report—Rural Telephone Borrowers.

U.S. Postal Service

Annual Report of the Postmaster General.

Cost and Revenue Analysis. Annual.

*Other*

John Blair & Company, New York, NY

Statistical Trends in Broadcasting. Annual.

Book Industry Study Group, Inc., New York, NY

Book Industry Trends. Annual.

Reed Publishing USA, Newton, MA

Broadcasting & Cable Market Place. Annual.

Broadcasting Magazine. Weekly.

Corporation for Public Broadcasting, Washington, DC

Average Revenue Profiles for Public Broadcasting Stations.

Public Broadcasting Income. Annual.

Public Broadcasting Stations' Income from State Governments and State Colleges & Universities Ranked State-By-State.

Public Broadcasting: Statistical Brief. Annual.

Public Radio and Television Programming Content by Category. Biennial.

Editor & Publisher Co., New York, NY

International Year Book. Annual.

Market Guide. Annual.

Electronic Industries Association, Washington, DC

Electronic Market Data Book. Annual.

Electronic Market Trends. Monthly.

Electronics Foreign Trade. Monthly.

Electronics Foreign Trade 5-Year Summary. Annual.

Radio Advertising Bureau, New York, NY

Radio Facts. Annual.

United States Telephone Association, Washington, DC

**Communications —Con.***Other —Con.*

Statistics of the Independent Telephone Industry. Annual.

Warren Publishing, Inc., Washington, DC

Cable Action Update. Weekly.

Cable and Station Coverage Atlas. Annual.

Television Action Update. Weekly.

Television and Cable Factbook. Annual.

TV Station & Cable Ownership Directory. Semi-annual.

**Construction, Housing, and Real Estate —see also Money and Roads***U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of Census

Census of Construction Industries. Quinquennial. (1987, most recent.)

Census of Housing. Decennial. (1980, most recent.)

Current Construction Reports: Housing Starts, C20 (monthly); New Residential Construction in Selected Metropolitan Statistical Areas, C21 (quarterly); Housing Completions, C22 (monthly); New One-Family Houses Sold and for Sale, C25 (monthly with annual report, Characteristics of New Housing); Price Index of New One-Family Houses Sold, C27 (quarterly); Value of New Construction Put in Place, C30 (monthly with occasional historical supplement); Housing Units Authorized by Building Permits, C40 (monthly and annual); Residential Alterations and Repairs, C50 (quarterly and annual).

Current Housing Reports: Housing Vacancies, H-111 (quarterly and annual); Market Absorption of Apartments, H-130 (quarterly and annual); Characteristics of Apartments Completed, H-131 (annual); Annual Housing Survey, H-150 (series of six biennial reports); Annual Housing Survey—Housing Characteristics for Selected Metropolitan Areas, H-170.

Bureau of Economic Analysis

Business Statistics, 1963-91. 1992.

Fixed Reproducible Tangible Wealth in the United States, 1925-89. 1993.

The National Income and Product Accounts of the United States, 1929-88: Volume I, 1993 and Volume II, 1992.

Survey of Current Business. Monthly.

Bureau of Labor Statistics

Compensation and Working Conditions. Monthly.

Employment and Earnings. Monthly.

Employment, Hours, and Earnings, United States, 1909-90. 1991. Bulletin No. 2370.)

**Construction, Housing, and Real Estate —Con.***U.S. Government —Con.*

Supplement to Employment and Earnings

Evaluating Your Firm's Injury and Illness Record, Construction Industries Report 776, (1990).

Monthly Labor Review.

Occupational Employment in Mining, Construction, Finance, and Services. 1992. (Bulletin No. 2397.)

Occupational Injuries and Illnesses in the United States by Industry. Annual.

Department of Housing and Urban Development

Survey of Mortgage Lending Activity. Monthly and quarterly press releases.

Department of Veterans Affairs

Loan Guaranty Highlights. Quarterly. Trend Data 1964-1988.

Energy Information Administration

Residential Energy Consumption Survey: Housing Characteristics. Triennial.

International Trade Administration

Construction Review. Bimonthly.

Office of Thrift Supervision

Annual Report.

Savings and Home Financing Source Book. Annual. Discontinued after 1989.

*Other*

Dodge, F.W., National Information Services Division, McGraw-Hill Information Systems Co., New York, NY

Dodge Construction Potentials. Monthly.

NATIONAL ASSOCIATION OF REALTORS, Washington, DC

Home Sales. Monthly.

**Consumer Income and Expenditures, and Personal Income —see also Agriculture; Economic Indexes; Investments; and National Income***U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Bulletin. Monthly.

Bureau of the Census

Census of Population. Decennial. (1990, most recent.)

Current Population Reports. (Series on Consumer Income, P60.)

Current Population Reports. (Series on Household Economic Studies, P70.)

Special Studies Reports. (Series on Special Studies, P23.)

Bureau of Economic Analysis

Business Statistics, 1963-91. 1992.

Survey of Current Business. Monthly.

Bureau of Labor Statistics

Consumer Expenditure Survey, integrated Diary and Interview Survey data.

Annual press releases.

Consumer Expenditure Survey: 1988-89. 1991. (Bulletin No. 2383.)

**Consumer Income and Expenditures, and Personal Income —Con.***U.S. Government —Con.*

Consumer Expenditure Interview Survey. Quarterly.

## Congressional Budget Office

The Changing Distribution of Federal Taxes: 1975-1990. October 1987.

Trends in Family Income: 1970-1986. February 1988.

## Internal Revenue Service

Statistics of Income.

Individual Income Tax Returns. Annual.

Statistics of Income Bulletin. Quarterly.

## National Science Foundation

Academic Science/Engineering: Graduate Enrollment and Support. Detailed Statistical Tables. Annual.

Characteristics of Doctoral Scientists and Engineers in the United States. Detailed Statistical Tables. Biennial.

Characteristics of Recent Science/Engineering Graduates. Detailed Statistical Tables. Biennial.

Federal Scientists and Engineers. Detailed Statistical Tables. Annual.

Profiles Aeronautical/Astronautical Engineering, Agricultural Science, Biological Science, Chemical Engineering, Chemistry, Civil Engineering, Computer Sciences, Economics, Electrical/Electronic Engineering, Mechanical Engineering, and Psychology: Human Resources and Funding. Special Reports. (NSF 89-314, 89-319, 89-318, 89-312, 87-307, 90-303, 88-324, 88-333, 88-326, 87-309, and 88-325, respectively.)

Science and Engineering Personnel: A National Overview. Report. Biennial.

Science Resources Studies. Data Brief. Frequent.

Steady Growth of Employed Ph.D. Scientists and Engineers Is Maintained. (NSF 91-303.)

U.S. Scientists and Engineers. Detailed Statistical Tables. Biennial.

Women and Minorities in Science and Engineering. Report. Biennial.

## Social Security Administration

Trends since 1960 In the Economic Status of Aged Men and Women. (Research and Statistics Note No. 3. 1983.)

*Other*

American Financial Services Association, Washington, DC

AFSA Annual Research Report and Second Mortgage Lending Report on Finance Companies. Annual.

AFSA Annual Research Report and Second Mortgage Lending Report Supplements. Annual.

Finance Facts Yearbook. Annual. (Discontinued in 1988.)

Consumer Prices —see *Commodity Prices*.

Corporations —see *Business; and Manufactures*.

Correctional Institutions —see *Law Enforcement*.

Cost of Living —see *Commodity Prices*.

Courts —see *Law Enforcement*.

Crime —see *Law Enforcement*.

Crops —see *Agriculture*.

Deaths —see *Vital Statistics*.

Defense —see *National Defense*.

Divorce —see *Vital Statistics*.

Domestic Trade —see *Retail and Wholesale Trade; and Service Establishments*.

**Economic Indexes** —see *also Agriculture; Business; Commodity Prices; Manufactures; and Science Resources*

*U.S. Government*

Board of Governors of the Federal Reserve System

Federal Reserve Banks. Monthly review published by each Bank with special reference to its own Federal Reserve District.

Federal Reserve Bulletin. Monthly. (Also monthly releases on industrial production indexes.)

## Bureau of Economic Analysis

Business Statistics, 1963-91. 1992.

The National Income and Product Accounts of the United States, 1929-88: Volume I, 1993 and Volume II, 1992.

Survey of Current Business. Monthly.

## Bureau of Labor Statistics

CPE Detailed Report. Monthly.

Employment Cost Indexes and Levels. Annual.

Producer Price Indexes. Monthly, with annual supplement.

Handbook of Labor Statistics. 1989.

Monthly Labor Review.

## Council of Economic Advisers

Economic Indicators. Monthly.

Economic Report of the President. Annual.

*Other*

The Conference Board, New York, NY

The Conference Board Statistical Bulletin. Monthly.

National Bureau of Economic Research, Cambridge, MA

The National Balance Sheet of the United States, 1953-80, by Raymond W. Goldsmith. 1982. (University of Chicago Press, Chicago, IL.)

The U.S. National Income and Product Accounts: Selected Topics, Murray F. Foss, editor. 1982. (Studies in Income and Wealth, No. 47.) (University of Chicago Press, Chicago, IL.)

**Education** —see *also Science Resources; and Vocational Rehabilitation*

*U.S. Government*

Bureau of the Census

**Education —Con.***U.S. Government —Con.*

Census of Population. Decennial. (1990, most recent.)

Current Population Reports. (Series on Population Characteristics, P20; and Special Studies, P23.)

Finances of Public School Systems. Annual. (GF No. 10.)

**Bureau of Labor Statistics**

Educational Attainment of Workers, March 1982-83. 1984. (Bulletin No. 2191.)

Handbook of Labor Statistics. 1989.

How Workers Get Their Training. 1985. (Bulletin No. 2226.)

Labor Force Statistics Derived From the Current Population Survey, 1948-87. 1988. (Bulletin No. 2307.)

Occupational Projections and Training Data. Biennial.

Students, Graduates, and Dropouts, October 1980-82. 1983. (Bulletin No. 2192.)

**Department of Education**

Annual Report.

Inflation Measures for Schools and Colleges. September 1983.

**Employment and Training Administration**

Employment and Training Report of the President. Annual.

**National Center for Education Statistics**

Associate Degrees and Other Formal Awards Below the Baccalaureate. Annual.

College and University Library Survey. (1985, most recent.)

The Condition of Education. Annual.

Digest of Education Statistics. Annual.

Earned Degrees Conferred. Annual.

Faculty Salaries, Tenure, and Benefits. Annual.

Fall Enrollment in Colleges and Universities. Annual.

High School and Beyond. Reports issued on 1980 high school sophomores and seniors and their transition to further education and labor force participation.

National Longitudinal Study. Reports issued on high school seniors from class of 1972 and their transition to higher education and the labor force.

Participation in Adult Education. (1984, most recent.)

Projections of Education Statistics. Annual.

Residence and Migration of College Students. (1986, most recent.)

Revenues and Expenditures for Public Elementary and Secondary Education. Annual.

**National Science Foundation**

Academic Research and Equipment Needs in the Physical Sciences. Report. Biennial.

**Education —Con.***U.S. Government —Con.*

Academic Research Equipment and Equipment Needs in Selected Science/Engineering Fields. Report. Biennial.

Academic Research Equipment in Computer Science, Central Computer Facilities and Engineering. Report. Biennial.

Academic Science and Engineering: Graduate Enrollment and Support. Detailed Statistical Tables. Annual.

Academic Science/Engineering: R&D Expenditures. Detailed Statistical Tables. Annual.

Blacks in Undergraduate Science and Engineering Education, April 1992. Special Report (NSF 92-305.)

Characteristics of Doctoral Scientists and Engineers in the United States. Detailed Statistical Tables. Biennial.

Characteristics of Recent Science/Engineering Graduates. Detailed Statistical Tables. Biennial.

Characteristics of Science/Engineering Equipment in Academic Settings: 1989-90. Report.

Federal Support to Universities, Colleges, and Nonprofit Institutions. A report to the President and Congress. Detailed Statistical Tables. Annual.

International Science and Technology Data Update. Report. Annual.

National Patterns of R&D Resources. Report. Annual.

Profiles—Aeronautical/Astronautical Engineering, Agricultural Science, Biological Science, Chemical Engineering, Chemistry, Civil Engineering, Computer Science, Economics, Electrical/ Electronic Engineering, Mechanical Engineering, and Psychology: Human Resources and Funding. Special Reports. (NSF 89-314, 89-319, 89-318, 89-312, 87-307, 90-303, 88-324, 88-333, 88-326, 87-309, and 88-325, respectively).

Research and Development Expenditures of State Government Agencies: Fiscal Years 1987 and 1988. Special Report. (NSF 90-309.)

Science and Engineering Degrees. A Source Book. Detailed Statistical Tables. Annual.

Science and Engineering Degrees, by Race/Ethnicity of Recipients: 1977-90. Detailed Statistical Tables. Biennial.

Science and Engineering Doctorates. Detailed Statistical Tables. Annual.

Science and Engineering Indicators. Report. Biennial.

Science and Engineering Personnel: A National Overview. Report. Biennial.

Science and Technology Data Book. Report. Annual.

**Education —Con.***U.S. Government —Con.*

Scientific and Engineering Research Facilities at Universities and Colleges. Report. Biennial.

Undergraduate Origins of Recent Science and Engineering Doctorate Recipients. Special Report (NSF 92-332.)

SRS (Division of Science Resources Studies) Data briefs. Frequent.

Foreign Citizens Continue to Increase U.S. Ranks of Science and Engineering Doctorate Recipients (NSF 92-311.)

Graduate Enrollment in S&E Fields Increased by 4 percent in 1990 (NSF 92-304.)

U.S. Universities and Colleges Report a 9-percent Net Increase in Research Space Since 1988, the Majority of it Within Doctorate-Granting Institutions (NSF 92-333.)

Women and Minorities in Science and Engineering. Report. Biennial.

Woman Continue to Earn Increasing Percentage of Science and Engineering Baccalaureates (NSF 92-313.)

*Office for Civil Rights*

Racial, Ethnic and Sex Enrollment Data, From Institutions of Higher Education. Fall 1982. Biennial.

State and National Summaries of Data from the fall 1982 Civil Rights Survey of Elementary and Secondary Schools. Biennial.

*Other*

American Council on Education, Washington, DC

A Fact Book on Higher Education. Quarterly.

National Norms for Entering College Freshmen. Annual.

Bowker (R.R.) Company, New Providence, NJ

American Library Directory. Annual.

Book Publishing Annual. (1985, most recent.)

Bowker Annual Library and Book Trade Almanac.

Chronicle of Higher Education, Inc., Washington, DC

Almanac. Annual.

College Entrance Examination Board, New York, NY

National Report on College-Bound Seniors. Annual.

National Catholic Educational Association, Washington, DC

Catholic Schools in America. Annual.

United States Catholic Elementary and Secondary Schools. Staffing and Enrollment. Annual.

U.S. Catholic Elementary Schools and their Finances. Biennial.

**Education —Con.***Other —Con.*

U.S. Catholic Secondary Schools and their Finances. Biennial.

National Education Association, Washington, DC

Estimates of School Statistics. Annual.

Rankings of the States. Annual.

Status of the American Public School Teacher, 1985-86. Quinquennial.

Research Associates of Washington, Washington, DC

Inflation Measures for Schools & Colleges. Annual.

State Profiles: Financing Public Higher Education. Annual.

**Elections***U.S. Government*

Bureau of the Census

Congressional District Data:

1990 Census of Population and Housing, 1990 CPH-4, Congressional Districts of the 103rd Congress.

Current Population Reports. (Series P20, Voting and Registration in the Election of November 19—, Biennial survey; and P25, Projections of the Population of Voting Age for States: November 19—, Biennial projection.)

Commission on Civil Rights

New Evidence on School Desegregation. 1987.

The Economic Status of Americans of Asian Descent. 1988.

The Economic Status of Americans of Southern and Eastern European Ancestry. 1986.

Congress. Clerk of the House

Statistics of the Presidential and Congressional Election Years. Biennial.

Congress. Joint Committee on Printing

Congressional Directory. Biennial.

*Other*

The Council of State Governments, Lexington, KY

The Book of the States. Biennial.

State Elective Officials and the Legislatures. Biennial.

State Legislative Leadership, Committees, and Staff. Biennial.

Elections Research Center, Chevy Chase MD

America Votes. A handbook of contemporary American election statistics, compiled and edited by Richard M. Scammon and Alice V. McGillivray. Biennial.

Joint Center for Political and Economic Studies, Washington, DC

Black Elected Officials: A National Roster. Annual.



**Elections** —Con.*Other* —Con.

Michigan, The University of, Center for Political Studies, Institute for Social Research, Ann Arbor, MI

National Election Studies Cumulative Datafile. Biennial.

National Association of Latino Elected and Appointed Officials, Washington, DC

National Roster of Hispanic Elected Officials. Annual.

Pharos Books/World Almanac, New York, NY

The World Almanac and Book of Facts. Annual.

World Almanac of U.S. Politics. 1989. 2nd edition, May 1991.

Electric Utilities —*see* Energy.

Emigration —*see* Immigration.

Employment —*see* Federal Government; Labor; and State and Local Government.

**Energy** —*see also* communications; Manufactures; Minerals; and Transportation

*U.S. Government*

Bureau of the Census

Current Industrial Reports. Monthly, quarterly, and annual series on various industries.

Bureau of the Census and Bureau of Mines Industry Wage Survey: Electric and Gas Utilities, February 1988. (Bulletin 2337.) 1989

Technology and Labor in Three Service Industries: Utilities, Retail Trade, and Lodging. (Bulletin 2367). 1990.

Bureau of Labor Statistics

CPI Detailed Report. Monthly.

Consumer Prices: Energy and Food. Monthly.

Handbook of Labor Statistics. 1989.

Monthly Labor Review.

Energy Information Administration

Annual Energy Outlook.

Annual Energy Review.

Coal Distribution. Quarterly.

Coal Production. Annual.

Cost and Quality of Fuels for Electric Utility Plants. Annual.

Electric Plant Costs and Power Production Expenses. Annual.

Electric Power Annual.

Electric Power Monthly.

Electric Sales and Revenue. Annual.

Energy Conservation Indicators. Annual.

Financial Statistics of Selected Electric Utilities. Annual.

Inventory of Power Plants in the United States. Annual.

International Energy Annual.

Monthly Energy Review.

Natural Gas Annual.

**Energy** —Con.*U.S. Government* —Con.

Natural Gas Monthly.

Performance Profiles of Major Energy Producers. Annual.

Petroleum Marketing Monthly.

Petroleum Supply Annual.

Petroleum Supply Monthly.

Quarterly Coal Report.

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  - Annual Report.
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- Work Stoppages —see Labor.

## Guide to State Statistical Abstracts

This bibliography includes the most recent statistical abstracts for States and Puerto Rico published since 1980 plus those that will be issued in late 1993 or early 1994. For some States, a near equivalent has been listed in substitution for, or in addition to, a statistical abstract. All sources contain statistical tables on a variety of subjects for the State as a whole, its component parts, or both. The page counts given for publications are approximate.

### Alabama

University of Alabama, Center for Business and Economic Research, P.O. Box 870221, Tuscaloosa 35487 205-348-6191 •

*Economic Abstract of Alabama*. 1992. 600 pp.

### Alaska

Department of Commerce and Economic Development, Division of Economic Development, P.O. Box 110804, Juneau 99811 907-465-2017

*The Alaska Economy Performance Report*. 1990-1991

### Arizona

University of Arizona, Economic and Business Research, College of Business and Public Administration, McClelland Hall 204 Tucson Arizona 85721-0001 602-621-2155 FAX 602-621-2150

*Arizona Statistical Abstract: A 1993 Data Handbook*. 616 pp.

*Arizona Economic Indicators*. 52 pp. (Biannual.)

*Arizona's Economy*. 20 pp. (Quarterly newsletter and data.)

### Arkansas

University of Arkansas at Little Rock, Economic Research, Library 512, Little Rock 72204

*Arkansas State and County Economic Data*. 18 pp. (Revised annually.)

University of Arkansas at Little Rock, Census State Data Center, Library 508, Little Rock 72204 501-569-8530

*Arkansas Statistical Abstract*. 600 pp. (Revised biennially.)

### California

Department of Finance, 915 L Street, 8th Floor, Sacramento 95814 916-322-2263

*California Statistical Abstract*, 1993. 210 pp.

Pacific Data Resources, P.O. Box 1922, Santa Barbara, CA 93116-1922 800-422-2546

*California Almanac*, 6th ed. Biennial. 275 pp.

### Colorado

University of Colorado, Business Research Division, Campus Box 420, Boulder 80309 303-4928227

*Statistical Abstract of Colorado*, 1987. 600 pp.

### Connecticut

Connecticut Department of Economic Development, 865 Brook St., Rocky Hill 06067-3405 1-800-392-2122

*Connecticut Market Data*. 1992-1993. Approx. 87 pp. No charge for single copy.

### Delaware

Delaware Development Office, P.O. Box 1401, 99 Kings Highway, Dover 19903 302-739-4271

*Delaware Data Book*, 1993. 141 pp.

University of Delaware Bureau of Economic Research, College of Business and Economics, Newark 19716-2730 302-831-8401

*Delaware Economic Report 1993-94*. 200 pp. Annual

### District of Columbia

Office of Planning, Data Management Division, Presidential Bldg., Suite 500, 415 12th St., N.W. Washington 20004 202-727-6533

*Population Estimates and Housing Units*, annual.

Office of Policy and Evaluation, Executive Office of the Mayor, 1 Judiciary Square, Suite 1000, 441 4th St., N.W., Washington 20001 202-727-4016

*Indices—A Statistical Index to DC Services*, Dec 1992. Annual. 366 pp.

### Florida

University of Florida, Bureau of Economic and Business Research, Gainesville 32611-2017 904-392-0171

*Florida Statistical Abstract*, 1992. 26th ed. 760 pp.

National Data Consultants, P.O. Box 6381, Athens, Georgia 30604 706-548-8460

*Florida County Perspectives: 1991*. Annual. 110 pp.

### Georgia

University of Georgia, Selig Center for Economic Growth, Terry College of Business, Athens 30602-6269 706-542-4085

*Georgia Statistical Abstract*, 1992-93. 1992. 535 pp.

University of Georgia, College of Agriculture and Environmental Sciences, Cooperative Extension Service, Athens 30602 706-542-8938

*The Georgia County Guide*. 1993. 12th ed. Annual. 197 pp.

Office of Planning and Budget, 254 Washington St., S.W., Atlanta 30334-8501 404-656-0911

*Georgia Descriptions in Data*. 1990-91. 249 pp.

**Hawaii**

Hawaii State Department of Business, and Economic Development & Tourism, Research and Economic Analysis Division, Statistics Branch P.O. Box 2359, Honolulu 96804.  
Inquiries 808-586-2481; Copies 808-586-2424  
*The State of Hawaii Data Book 1992: A Statistical Abstract*. 26th ed. 1993. 618 pp.

**Idaho**

Department of Commerce, 700 West State St., Boise 83720 208-334-2470  
*County Profiles of Idaho, 1992*  
*Idaho Community Profiles, 1992*  
*Idaho Facts, 1993*  
*Idaho Facts Data Book, 1993*  
*Profile of Rural Idaho 1993*  
University of Idaho, Center for Business Development and Research, Moscow 83844-3227 208-885-6611  
*Idaho Statistical Abstract. 1980. 415 pp.*  
*(Out of print.)*

**Illinois**

University of Illinois, Bureau of Economic and Business Research, 428 Commerce West, 1206 South 6th Street, Champaign 61820 217-333-2330  
*Illinois Statistical Abstract. 1992. 812 pages.*

**Indiana**

Indiana University, Indiana Business Research Center, School of Business, 801 W. Michigan BS4015 Indianapolis 46202-5151 317-274-2204  
*Indiana Factbook, 1992. 413 pages.*

**Iowa**

Iowa Department of Economic Development Research Bureau, 200 East Grand Ave., Des Moines 50309  
*1993 Statistical Profile of Iowa.*

**Kansas**

University of Kansas, Institute for Public Policy and Business Research, 607 Blake Hall, Lawrence 66045-2960 913-864-3701  
*Kansas Statistical Abstract, 1991-92*. 27th ed. 1993.

**Kentucky**

Department of Existing Business and Industry, Capital Plaza Office Tower, Frankfort 40601 502-564-4886  
*Kentucky Deskbook of Economic Statistics*. 29th ed. 1993.

**Louisiana**

University of New Orleans, Division of Business and Economic Research, New Orleans 70148 504-286-6248  
*Statistical Abstract of Louisiana*. 8th ed. 1990.

**Maine**

Maine Department of Economic and Community Development, State House Station 59, Augusta 04333 207-287-3153  
*Maine: A Statistical Summary*. (Updated periodically.)

**Maryland**

Department of Economic and Employment Development, 217 E. Redwood St., Baltimore 21202  
Inquiries 410-333-6953;  
Copies 410-333-6955  
*Maryland Statistical Abstract. 1990-91. 274 pp.* (Biennial.) 1993-94 available in summer 1993.

**Massachusetts**

Massachusetts Institute for Social and Economic Research, 128 Thompson Hall, University of Massachusetts at Amherst 01003 413-5453460  
FAX 413-545-3686  
*Projected Total Population and Age Distribution for 1995 and 2000: Massachusetts Cities and Towns*. March 1992. 62 pages.

**Michigan**

Wayne State University, Bureau of Business Research, School of Business Administration, Detroit 48202  
*Michigan Statistical Abstract. 20th ed. 1986-87. 629 pp.*

**Minnesota**

Department of Trade and Economic Development, Business Development and Analysis Division, 900 American Center Building, St. Paul 55101 612-296-8283  
*Compare Minnesota: An Economic and Statistical Factbook, 1992-93. 165 pp.*  
*Economic Report to the Governor: State of Minnesota, 1992. 148 pp.*  
Office of State Demographer, Minnesota Planning, 300 Centennial Bldg., St. Paul 55155 612-296-2557  
*Minnesota Population and Household Estimates, 1988. 74 pp.* Available on diskette in Lotus, dBase or ASCII files.

**Mississippi**

Mississippi State University, College of Business and Industry, Division of Research, Mississippi State 39762 601-325-3817  
*Mississippi Statistical Abstract. 1993. 750 pp.*

**Missouri**

University of Missouri, Business and Public Administration Research Center, Columbia 65211 314-882-4805  
*Statistical Abstract for Missouri, 1991* Biennial. 350 pp.

**Montana**

Montana Department of Commerce, Census and Economic Information Center, 1424 9th Ave., Helena 59620 406-444-2896  
Montana County Database. (Separate county and state reports; will be available by subject section as well as complete reports by county and state, updated periodically, available in paper microfiche, and diskette.)

**Nebraska**

Department of Economic Development,  
Division of Research, Box 94666, Lincoln  
68509 402-471-3779

*Nebraska Statistical Handbook*. 1990-1991.  
300 pp.

**Nevada**

Department of Administration, Planning Division,  
Capitol Complex, Carson City 89710  
702-687-4065

*Nevada Statistical Abstract*. 1992. Biennial.  
405 pp.

**New Hampshire**

Office of State Planning, 2 1/2 Beacon St.,  
Concord 03301 603-271-2155

*Current Estimates and Trends in New  
Hampshire's Housing Supply*. Update:  
1991. 32 pp.

*Selected Economic Characteristics of New  
Hampshire Municipalities*. 1992. 12 pp.  
(Other series available on population  
estimates and projections, and taxation.)

**New Jersey**

New Jersey State Data Center, NJ Department  
of Labor, CN 388, Trenton 08625-0388  
609-984-2593

*New Jersey Statistical Factbook*, 1992.  
115 pp.

*New Jersey Source Book*, 1993. 156 pp.

**New Mexico**

University of New Mexico, Bureau of Business  
and Economic Research, 1920 Lomas N.E.  
Albuquerque 87131-6021 505-277-2216

*New Mexico Statistical Abstract*. 1989.  
215 pp.

County Profiles. (Occasionally.)

**New York**

Energy Association of New York, 111 Washing-  
ton Avenue, Suite 601, Albany 12210  
518-449-3440

*New York at a Glance*, 1989-90. 230 pp.

Nelson Rockefeller Institute of Government,  
411 State Street, Albany 12203-1003  
518-443-5522

*New York State Statistical Yearbook*, 1993.  
18th ed. 544 pp.

**North Carolina**

Office of Governor

Office of State Planning, 116 West Jones  
Street, Raleigh 27603-8003 919-733-4131

*Statistical Abstract of North Carolina  
Counties*, 1991. 6th edition.

**North Dakota**

University of North Dakota, Bureau of Business  
and Economic Research, Grand Forks 58202  
701-777-3365

*The Statistical Abstract of North Dakota*.  
1988. 700 pp.

North Dakota Department of Economic  
Development and Finance 1833 E. Bismarck  
Expressway, Bismarck 58504 701-221-5300  
*North Dakota Economic Data Book*. 1988.  
100 pp.

**Ohio**

Department of Development, Office of  
Statistical Research, P.O. Box 1001,  
Columbus 43266-0101  
614-466-2115

*Products and Services*. (Updated  
continuously.)

The Ohio State University, School of Public  
Policy and Management, 1775 College Road,  
Columbus 43210-1399  
614-292-8696

*Benchmark Ohio*, 1991. Biennial. 300 pp.

**Oklahoma**

University of Oklahoma, Center for Economic  
and Management Research, 307 West  
Brooks Street, Room 4, Norman 73019  
405-325-2931

*Statistical Abstract of Oklahoma*, 1992.  
Annual. 626 pp.

**Oregon**

Secretary of State, Room 136, State Capitol,  
Salem 97310

*Oregon Blue Book*. 1993-1994. Biennial.  
441 pp. \$12.

**Pennsylvania**

Pennsylvania State Data Center, Institute of  
State and Regional Affairs, Penn State  
Harrisburg, 777 West Harrisburg Pike,  
Middleton Pennsylvania 17057-4898.

*Pennsylvania Statistical Abstract*, 1992.  
30th ed. 1992. 249 pp.

**Rhode Island**

Department of Economic Development,  
7 Jackson Walkway, Providence 02903  
401-277-2601

*Rhode Island Basic Economic Statistics*.  
1992. Population summary, Annual and  
Monthly Economic Trends.

**South Carolina**

Budget and Control Board, Division of  
Research and Statistical Services, R. C.  
Dennis Building, Room 425, Columbia 29201  
803-734-3780

*South Carolina Statistical Abstract*: 1993.  
422 pp.

**South Dakota**

University of South Dakota, State Data Center,  
Vermillion 57069  
605-677-5287

*Selected Social and Economic  
Characteristics*. 550 pp.

*1992 South Dakota Community Abstracts*.  
400 pp.

**Tennessee**

University of Tennessee, Center for Business  
and Economic Research,  
Knoxville 37996-4170  
615-9745441

*Tennessee Statistical Abstract*, 1992-93.  
14th ed. 800 pp. (Annual.)

**Texas**

Dallas Morning News, Communications Center,  
P.O. Box 655237, Dallas 75265  
214-977-8261

*Texas Almanac, 1994-1995.* 1993. 672 pp.  
University of Texas, Bureau of Business  
Research, Austin 78712 512-471-5180

*Texas Fact Book, 1989.* 6th ed. 250 pp.

**Utah**

University of Utah, Bureau of Economic and  
Business Research, 401 Kendall D. Garff  
Building, Salt Lake City 84112  
801-581-6333

*Statistical Abstract of Utah.* 1993.  
(Triennial.)

Utah Foundation, 10 West 100 South 323, Salt  
Lake City 84101-1544 801-364-1837

*Statistical Review of Government in Utah.*  
1993. 135 pp.

**Vermont**

Office of Policy and Information, Department of  
Employment and Training, Montpelier 05601  
802-828-4202 ext. 323

*Demographic and Economic Profiles.* Annual

**Virginia**

University of Virginia, Center for Public Service,  
Dynamics Building, 4th Floor, 2015 Ivy Road,  
Charlottesville 22903 804-924-3921

*Virginia Statistical Abstract, 1992-93.*  
Biennial. 850 pp.

**Washington**

Washington State Office of Financial  
Management, Forecasting Division  
P.O. Box 43113 Olympia, WA 98504-3113  
206-753-5617

*Washington State Data Book, 1991.*  
Biennial. 306 pp. Current edition available:  
1993 edition scheduled for release in  
January/February 1994.

*Population Trends for Washington State. Annual.*  
128 pages.

**West Virginia**

West Virginia Chamber of Commerce,  
P.O. Box 2789, Charleston 25330  
304-342-1115

*West Virginia: Economic-Statistical Profile,*  
1987-1988. Biennial. 750 pp.

West Virginia Research League, Inc.,  
405 Capitol Street, Suite 414,  
Charleston 25301  
304-346-9451

*Economic Indicators.* 1988. 110 pp.

*The 1992 Statistical Handbook.* 94 pp.

**Wisconsin**

Wisconsin Legislative Reference Bureau,  
P.O. Box 2037, Madison 53701-2037  
608-266-0341

*1991-1992 Wisconsin Blue Book.* 1,000 pp.  
Biennial. 1993-94 edition will be published  
September/October 1993.

**Wyoming**

Department of Administration and Information,  
Division of Economic Analysis,  
327 E. Emerson Building, Cheyenne 82002  
307-777-7504

*Wyoming Data Handbook, 1991.* 310 pp.

**Puerto Rico**

Planning Board, Area of Economic and Social  
Planning, Bureau of Economic Analysis and  
Bureau of Statistics, Santurce 00940  
809-722-2070

*Economic Report to the Governor, 1992.*  
(In Spanish.)

*Historic Series of Employment, Unemploy-  
ment and Labor Force, 1990.* (In Spanish.)

*Social Statistics Abstract, 1988.* (In Spanish.)

*Socioeconomic Indicators by Municipios, 1991.*  
(In Spanish.)

*Economical Forecasts for Fiscal Years 1993  
and 1994.* (In Spanish.)

*Income Product, 1991.* (In Spanish.)

*National Accounts of Puerto Rico, 1992.*  
(In Spanish.)

## Guide to Foreign Statistical Abstracts

This bibliography presents recent statistical abstracts for Mexico, the Soviet Union, and member nations of the Organization for Economic Cooperation and Development. All sources contain statistical tables on a variety of subjects for the individual countries. Many of the following publications provide text in English as well as in the national language(s). For further information on these publications, contact the named statistical agency which is responsible for editing the publication.

### Austria

Osterreichisches Statistisches Zentralamt,  
P.O. Box 9000, A-1033 Vienna  
Statistisches Handbuch für die Republik Österreich. Annual. 1991 592 pp. (In German.)

### Australia

Australian Bureau of Statistics, Canberra  
*Yearbook Australia*. Annual. 1992 802 pp.  
(In English.)

### Belgium

Institut National de Statistique, 44 rue de  
Louvain, 1000 Brussels  
*Annuaire statistique de la Belgique*. Annual.  
1990 791 pp. (In French and Dutch.)

### Canada

*Statistics Canada, Ottawa, Ontario, KIA OT6*  
*Canada Yearbook: A review of economic,  
social and political developments in  
Canada*. 1992 622 pp. Irregular. (In English  
and French.)

### Croatia

Republika Hrvatska, Republički Zavod Za  
Statistiku  
*Statistički Godisnjak Republike Hrvatske*  
1991 472 pp.

### Denmark

Danmarks Statistik, Postboks 2550 Sejrøgade  
11, DK 2100, Copenhagen O  
*Statistical Yearbook*. 1992. Annual. 566 pp.  
(In Danish with English translations of table  
headings.)

### Finland

Central Statistical Office of Finland, Box 504  
SF-00101 Helsinki  
*Statistical Yearbook of Finland*. Annual.  
1992 614 pp. (In English, Finnish, and  
Swedish.)

### France

Institut National de la Statistique et des Etudes  
Economiques, Paris 18, Bld. Adolphe Pinard,  
75675 Paris (Cedex 14)  
*Annuaire Statistique de la France*. Annual.  
1991/92 824 pp. (In French.)

### Greece

National Statistical Office, 14-16 Lycourgou St.,  
101-66 Athens  
*Statistical Yearbook of Greece*. Annual.  
1989 535 pp. (plus 7 pages of diagrams).  
(In English and Greek.)

### Iceland

Hagstofa Islands/Statistical Bureau, Hverfis-  
gata 8-10, Reykjavik.  
*Statistical Abstract of Iceland*. 1992. Irregular.  
280 pp. (In English and Icelandic.)

### Ireland

Central Statistics Office, Earlsfort Terrace,  
Dublin 2  
*Statistical Abstract*. Annual. 1992 402 pp.  
(In English.)

### Italy

ISTAT (Istituto Centrale di Statistica), Via  
Cesare Balbo 16, 00100 Rome  
*Annuario Statistico Italiano*. Annual. 1992  
211 pp. (In Italian.)

### Japan

Statistics Bureau, Management & Coordination  
Agency, 19-1 Wakamatsucho, Shinjuku  
Tokyo 162  
*Japan Statistical Yearbook*. Annual. 1992  
840 pp. (In English and Japanese.)

### Luxembourg

STATEC (Service Central de la Statistique et  
des Etudes), P.O. Box 304, L-2013,  
Luxembourg  
*Annuaire Statistique*. Annual. 1991 529 pp.  
(In French.)

### Mexico

Instituto Nacional de Estadística Geografía e  
Informática, Avda. Insurgentes Sur No.  
795-PH Col. Napoléon, Del. Benito Juárez  
03810 Mexico, D.F.  
*Anuario estadístico de los Estados Unidos  
Mexicanos*.  
Annual. 1986 706 pp. (In Spanish.)

### Netherlands

Centraal Bureau voor de Statistiek. 428 Prinses  
Beatrixlaan P.O. Box 959, 2270 AZ Voorburg  
*Statistisch Yearbook 1993*. 568 pp. (In  
Dutch.)

### New Zealand

Department of Statistics, Wellington  
*New Zealand Official Yearbook*. Annual.  
1992 484 pp. (In English.)

### Norway

Central Bureau of Statistics, Skippergate 15,  
P.B. 8131 Dep. N-Oslo 1  
*Statistical Yearbook*. Annual. 1988 502 pp.  
(In English and Norwegian.)

### Portugal

INE (Instituto Nacional de Estatística), Avenida  
Antonio Jose de Almeida, P-1078 Lisbon  
Codex  
*Anuario Estatístico de Portugal*. 1991 378  
pp. (In Portuguese.)

**Soviet Union**

Central Statistical Board, Moscow  
*Narodnoe Khoziaistvo SSSR: Statisticheskii  
 ezhegodnik*. Annual. 767 pp. (In Russian.)

**Spain**

INE (Instituto Nacional de Estadística), Paseo  
 de la Castellana, 183, Madrid 16  
*Anuario Estadístico de España*. Annual.  
 1991 867 pp. (In Spanish.)  
*Anuario Estadístico*. 1988. (Edición Manual.)  
 976 pp.

**Sweden**

Statistics Sweden, S-11581 Stockholm  
*Statistical Abstract of Sweden*. Annual. 1993  
 565 pp. (In English and Swedish.)

**Switzerland**

Bundesamt für Statistik, Hallwylstrasse 15,  
 CH-3003, Bern  
*Statistisches Jahrbuch der Schweiz*. Annual.  
 1991 420 pp. (In French and German.)

**Turkey**

State Institute of Statistics, Prime Ministry,  
 114 Necatibey Caddesi, Bakanliklar, Yenise-  
 hir, Ankara  
*Statistical Yearbook of Turkey*. Published on  
 odd numbered years. 1991 639 pp.  
 (In English and Turkish.)  
*Statistical Pocketbook of Turkey*. Published  
 on even numbered years. 1986 294 pp.  
 (In English and Turkish.)

**United Kingdom**

Central Statistical Office, Great George Street,  
 London SW1P 3AQ

Annual Abstract of Statistics. Annual. 1991  
 349 pp. (In English.)

**West Germany**

Statistische Bundesamt, Postfach 5528, 6200  
 Wiesbaden

*Statistisches Jahrbuch für die  
 Bundesrepublik Deutschland*. Annual. 1990  
 740 pp. (In German.)

**Yugoslavia**

Savezni Zavod za Statistiku, P.O. Box 203,  
 11000 Belgrade

*Statisticki Godisnjak Jugoslavije*. Annual.  
 1991 779 pp. (In Serbo-Croatian with  
 English, French, and Russian translations  
 of table headings.)

*Statistical Pocketbook of Yugoslavia*. 1991.  
 161 pp. (In English.)

# Metropolitan Areas: Concepts, Components, and Population

Statistics for metropolitan areas (MA's) shown in the *Statistical Abstract* represent areas designated by the U.S. Office of Management and Budget (OMB) as metropolitan statistical areas (MSA's), consolidated metropolitan statistical areas (CMSA's), and primary metropolitan statistical areas (PMSA's). Currently defined MA's are based on application of 1990 standards (which appeared in the *Federal Register* on March 30, 1990) to 1990 decennial census data. These MA definitions were announced by OMB effective December 31, 1992.

The list of areas that follows (see p. 919) specifies geographic components and latest populations for each MA. As of the December 1992 OMB announcement there were 250 MSA's, as well as 18 CMSA's comprising 59 PMSA's in the United States. In addition, there were three MSA's, one CMSA, and three PMSA's in Puerto Rico. (The figures in tables A, B, and C below exclude the areas in Puerto Rico.)

Standard definitions of metropolitan areas were first issued in 1949 by the then Bureau of the Budget (predecessor of OMB), under the designation "standard metropolitan area" (SMA). The term was changed to "standard metropolitan statistical area" (SMSA) in 1959 and to "metropolitan statistical area" (MSA) in 1983. The current collective term "metropolitan area" for MSA's, CMSA's, and PMSA's became effective in 1990. OMB has been responsible for the official metropolitan areas since they were first defined, except for the period 1977 to 1981, when they were the responsibility of the Office of Federal Statistical Policy and Standards, Department of Commerce.

The standards for defining metropolitan areas were modified in 1958, 1971, 1975, 1980, and 1990.

**Defining MA's.** The general concept of a metropolitan area is that of a core area containing a large population nucleus, together with adjacent communities having a high degree of economic and social integration with that core.

The current standards provide that each MA must include at least: (a) one city with 50,000 or more inhabitants, or (b) a Census Bureau-defined urbanized area of at least 50,000 inhabitants and a total MA population of at least 100,000 (75,000 in New England).

Under the standards, the county (or counties) that contains the largest city becomes the central county (counties), along with

any adjacent counties that have at least 50 percent of their population in the urbanized area surrounding the largest city. Additional "outlying counties" are included in the MA if they meet specified requirements of commuting to the central counties and selected requirements of metropolitan character (such as population density and percent urban). In New England the MA's are defined in terms of cities and towns rather than counties.

The standards provide that within MA's of a million or more population, separate component areas are defined if specified criteria are met and local opinion indicates need for the areas. Such areas are designated PMSA's, and any MA containing PMSA's is designated a CMSA. All MA's not designated as CMSA's and PMSA's are identified as MSA's, including 22 MSA's in the United States with a 1990 population greater than 1 million.

The largest city in each MA is designated a "central city," and additional cities may qualify as such if specified requirements are met concerning population size and commuting patterns. The title of each MSA consists of the names of up to three of its central cities and the name of each State into which the MSA extends. However, a central city generally is not included in an MSA title unless it has one-third the population of the area's largest city or local opinion desires its inclusion. Titles of CMSA's and PMSA's also are limited to three names and typically use central city names (although PMSA's may use county names in their titles and these names may then also appear in CMSA titles). An MA may include other cities of 50,000 or more which are not central cities.

A 1990 census listing, CPH-L-118, showing 1990 and 1980 populations for current MA's and their component counties or New England subcounty areas is available through the Statistical Information Office, Population Division, 301-763-5002. A 1990 Census Supplementary Report showing population and housing characteristics for MA's as defined through June 1993 is being released in late 1993.

**New England MA's and NECMA's.** MA's in New England are defined in terms of cities and towns rather than counties, with the result that some statistical data available only for counties cannot be compiled for individual New England MA's. For that reason, OMB has established "New England county metropolitan areas" (NECMA's) as a



county-based alternative for New England MA's (although NECMA's do not replace New England MA's as the standard areas). NECMA's are defined corresponding to the individual New England MSA's, for the Boston CMSA, and for the portion of the New York-Northern New Jersey-Long Island CMSA in Connecticut. There are no NECMA definitions corresponding to New England PMSA's.

**Changes in MA definitions over time.** Changes in the definitions of MA's since the 1950 census have consisted chiefly of (1) the recognition of new areas as they reached the minimum required city or area population; and (2) the addition of counties or New England cities and towns to existing areas as new census data showed them to qualify. Also, former separate MA's have been merged with other areas, and occasionally territory has been transferred from

one MA to another or from an MA to non-metropolitan territory. The large majority of changes have taken place on the basis of decennial census data, although the MA standards specify the bases for intercensal updates.

Because of these changes in definition, users must be cautious in comparing MA data from different dates. For some purposes, comparisons of data for MA's as defined at given dates may be appropriate. In this volume, however, data for earlier dates have been revised where possible to reflect the MA boundaries of the more recent date.

In tables A, B, and C that follow, data are given for MA's as defined for specific dates, thereby indicating the extent of change in population and land area resulting from revisions in definitions.

**Table A. Number, Population, and Land Area of MA's as Defined at Specified Dates From 1950 to 1992**

[The differences in population shown here for each year within each column of the table result entirely from net expansion of metropolitan territory through changes in the MA definitions. The differences in population over time shown for each MA definition (on the successive lines of the table) result entirely from population changes within that territory, unaffected by changes in MA definitions. The changes in 1990 land area result entirely from net change in MA territory. All data include Alaska and Hawaii and exclude Puerto Rico. Subtraction of any line of the table from the line below will show the net effect of change in population and land area undergone by the MA's as the result of changes in definitions between the specified dates. Such changes may have occurred throughout the period, not on any single date, and may have included reductions in, as well as additions to, MA territory. Census population data for 1970 include corrections made since publication. The area data for the 1950, 1960, 1970, and 1980 census definitions of MA's differ from the data published in those censuses because of subsequent remeasurement of land areas and changes in inland water area occurring for the 1990 census]

MA DEFINITION AS OF—	Number of MA's	POPULATION (as of April 1)					Land area, 1990 (sq. mi.)
		1950	1960	1970	1980	1990	
1950 census (Mar. 1952) . . . . .	169	<sup>1</sup> 84,853,700	<sup>1</sup> 106,344,548	<sup>1</sup> 122,184,836	<sup>1</sup> 128,839,422	<sup>1</sup> 139,837,352	206,802
1960 census (Np. 1960) . . . . .	212	89,316,903	<sup>2</sup> 112,885,139	<sup>2</sup> 130,982,661	<sup>2</sup> 140,793,427	<sup>2</sup> 155,088,626	308,742
1964 (Aug. 31) <sup>3</sup> . . . . .	217	<sup>3</sup> 91,644,188	<sup>3</sup> 115,876,343	<sup>3</sup> 134,700,911	<sup>3</sup> 145,503,863	<sup>3</sup> 160,500,956	348,400
1968 (Jan. 31) <sup>4</sup> . . . . .	230	<sup>4</sup> 93,629,986	<sup>4</sup> 118,413,604	<sup>4</sup> 137,976,252	<sup>4</sup> 149,811,057	<sup>4</sup> 165,707,672	377,042
1970 census (Feb. 28, 1971) . . . . .	243	<sup>5</sup> 94,579,008	<sup>5</sup> 119,593,498	<sup>5</sup> 139,479,806	<sup>5</sup> 151,662,221	<sup>5</sup> 167,896,646	386,241
1974 (Apr. 30) <sup>6</sup> . . . . .	265	<sup>6</sup> 100,219,707	<sup>6</sup> 126,613,710	<sup>6</sup> 148,198,993	<sup>6</sup> 162,753,335	<sup>6</sup> 181,125,276	490,551
1977 (Dec. 31) <sup>7</sup> . . . . .	277	<sup>7</sup> 101,109,145	<sup>7</sup> 127,674,818	<sup>7</sup> 149,482,664	<sup>7</sup> 164,383,496	<sup>7</sup> 182,989,860	509,841
1980 census (June 30, 1981) <sup>8</sup> . . . . .	318	<sup>8</sup> 104,172,853	<sup>8</sup> 131,318,714	<sup>8</sup> 153,693,767	<sup>8</sup> 169,430,623	<sup>8</sup> 188,759,597	565,288
1983 (June 30) . . . . .	<sup>9</sup> 12,275	<sup>9</sup> 105,214,471	<sup>9</sup> 132,633,968	<sup>9</sup> 155,411,328	<sup>9</sup> 171,776,970	<sup>9</sup> 191,634,355	559,752
1984 (June 30) . . . . .	<sup>10</sup> 12,277	<sup>10</sup> 105,269,301	<sup>10</sup> 132,707,748	<sup>10</sup> 155,519,340	<sup>10</sup> 171,955,900	<sup>10</sup> 191,903,497	563,796
1985 (June 30) . . . . .	<sup>11</sup> 12,280	<sup>11</sup> 105,411,428	<sup>11</sup> 132,887,134	<sup>11</sup> 155,700,823	<sup>11</sup> 172,169,456	<sup>11</sup> 192,135,964	569,816
1986 (June 30) . . . . .	<sup>12</sup> 12,281	<sup>12</sup> 105,481,211	<sup>12</sup> 132,977,580	<sup>12</sup> 155,805,452	<sup>12</sup> 172,304,016	<sup>12</sup> 192,314,367	571,745
1987 (June 30) <sup>13</sup> . . . . .	<sup>13</sup> 12,281	<sup>13</sup> 105,502,909	<sup>13</sup> 133,003,445	<sup>13</sup> 155,832,688	<sup>13</sup> 172,334,547	<sup>13</sup> 192,345,395	572,284
1988 (June 30) <sup>14</sup> . . . . .	<sup>14</sup> 12,282	<sup>14</sup> 105,582,961	<sup>14</sup> 133,088,400	<sup>14</sup> 155,937,275	<sup>14</sup> 172,454,948	<sup>14</sup> 192,476,951	573,560
1989 (June 30) <sup>14</sup> . . . . .	<sup>14</sup> 12,283	<sup>14</sup> 105,718,150	<sup>14</sup> 133,233,777	<sup>14</sup> 156,084,580	<sup>14</sup> 172,601,873	<sup>14</sup> 192,618,846	574,622
1990 census (June 30, 1990) <sup>14</sup> . . . . .	<sup>14</sup> 12,284	<sup>14</sup> 105,742,856	<sup>14</sup> 133,275,412	<sup>14</sup> 156,137,337	<sup>14</sup> 172,679,870	<sup>14</sup> 192,725,741	580,136
1992 (Dec. 31) <sup>14</sup> . . . . .	<sup>14</sup> 12,268	(NA)	(NA)	(NA)	<sup>14</sup> 176,662,797	<sup>14</sup> 197,486,567	670,157

NA Not available. <sup>1</sup> Corresponds to total MA population for 1950 census (84,500,680) plus Honolulu MSA. <sup>2</sup> Corresponds to total MA population for 1960 published in 1960 census (112,885,178), corrected by subtracting population (39) erroneously included in Franklin County, Ohio (Columbus MSA). <sup>3</sup> MA's as defined for the 1963 economic censuses. <sup>4</sup> MA's as defined for the 1967 economic censuses. <sup>5</sup> Corresponds to total 1960 population for 1970 MA's published in 1970 census (119,594,754), corrected by subtracting 1,256 population from Lawrence-Haverhill MSA; this represented an addition to the 1960 population of Andover town made subsequent to the original census tabulations, and therefore not reflected in State or national totals. <sup>6</sup> Corresponds to total MA population for 1970 published in 1970 census (139,418,811), plus net corrections made subsequent to publication. <sup>7</sup> MA's as defined for the 1972 economic censuses. <sup>8</sup> Includes estimated 1950 population (32,060) of Anchorage Census Division, as defined in 1970. <sup>9</sup> Includes 1960 population (82,833) of Anchorage Census Division, as defined in 1970. <sup>10</sup> MA's as defined for the 1977 economic censuses. <sup>11</sup> MA's as defined for the 1982 economic censuses. <sup>12</sup> MSA's and CMSA's. <sup>13</sup> MA's as defined for the 1987 economic censuses. <sup>14</sup> Data exclude the portion of Sullivan city in Crawford County, MO (1990 population 1,116) added to the St. Louis, MO-IL MSA by legislative action effective Dec. 22, 1987. Source: U.S. Bureau of the Census, 1950-1970, *U.S. Census of Population*, vol. 1; 1980 *Census of Population*, vol. 1, chapters A and B and *Supplementary Report, Metropolitan Statistical Areas* (PC80-S1-18); and 1990 *Census of Population and Housing Data Paper Listing* (CPH-L-10 and CPH-L-118).

**Table B. Nonmetropolitan Population and Land Area as Defined at Specified Dates From 1950 to 1992**

[See headnote for table A. Nonmetropolitan population and land area are equivalent to that portion of the total national population and land area not included within MA's at the dates specified]

METROPOLITAN AREA DEFINITION AS OF—	POPULATION (as of April 1)					Land area, 1990 (sq. mi.)
	1950	1960	1970	1980	1990	
1950 census (Mar. 1952)	66,472,098	72,978,627	81,117,195	97,706,383	108,872,521	3,332,967
1960 census (Nov. 1960)	62,008,895	66,438,036	72,319,370	85,752,378	93,621,247	3,231,027
1964 (Aug. 31)	59,681,610	63,446,832	68,601,120	81,041,942	88,208,917	3,191,368
1968 (Jan. 31)	57,695,812	60,909,571	65,325,779	76,734,748	83,002,201	3,162,726
1970 census (Feb. 28, 1971)	56,746,790	59,729,677	63,822,225	74,883,584	80,813,227	3,153,527
1974 (Apr. 30)	51,106,091	52,709,465	55,103,038	63,792,470	67,584,597	3,049,218
1977 (Dec. 31)	50,216,653	51,648,357	53,819,367	62,162,309	65,720,013	3,029,928
1980 census (June 30, 1981)	47,152,945	48,004,461	49,808,284	57,115,182	59,950,276	2,974,481
1983 (June 30)	46,111,327	46,689,187	47,890,703	54,768,835	57,075,518	2,980,016
1984 (June 30)	46,056,497	46,615,427	47,782,691	54,589,905	56,806,376	2,975,972
1985 (June 30)	45,914,370	46,436,041	47,601,208	54,376,348	56,573,909	2,968,952
1986 (June 30)	45,844,587	46,345,595	47,486,579	54,241,789	56,395,506	2,968,023
1987 (June 30)	45,822,889	46,319,730	47,469,343	54,211,258	56,364,478	2,967,484
1988 (June 30)	45,742,837	46,234,775	47,364,756	54,090,857	56,232,922	2,966,208
1989 (June 30)	45,607,648	46,089,398	47,217,451	53,943,932	56,091,027	2,965,146
1990 census (June 30, 1990)	45,582,942	46,047,763	47,164,694	53,865,935	55,984,132	2,959,632
1992 (Dec. 31)	(NA)	(NA)	(NA)	49,883,008	51,243,306	2,869,611

NA Not available.

**Table C. Percent of Total U.S. Population and Percent of Land Area Inside MA's as Defined at Specified Dates From 1950 to 1992**

[See headnote for table A]

METROPOLITAN AREA DEFINITION AS OF—	PERCENT OF POPULATION (as of April 1)					Percent of land area, 1990
	1950	1960	1970	1980	1990	
1950 census (Mar. 1952)	56.1	59.3	60.1	56.9	56.2	5.8
1960 census (Nov. 1960)	59.0	63.0	64.4	62.1	62.4	8.7
1964 (Aug. 31)	60.6	64.6	66.3	64.2	64.5	9.8
1968 (Jan. 31)	61.9	66.0	67.9	66.1	66.6	10.7
1970 census (Feb. 28, 1971)	62.5	66.7	68.6	66.9	67.5	10.9
1974 (Apr. 30)	66.2	70.6	72.9	71.8	72.8	13.9
1977 (Dec. 31)	66.8	71.2	73.5	72.6	73.6	14.4
1980 census (June 30, 1981)	68.8	73.2	75.6	74.8	75.9	16.0
1983 (June 30)	69.5	74.0	76.4	75.8	77.1	15.8
1984 (June 30)	69.6	74.0	76.5	75.9	77.2	15.9
1985 (June 30)	69.7	74.1	76.6	76.0	77.3	16.1
1986 (June 30)	69.7	74.2	76.6	76.1	77.3	16.2
1987 (June 30)	69.7	74.2	76.7	76.1	77.3	16.2
1988 (June 30)	69.8	74.2	76.7	76.1	77.4	16.2
1989 (June 30)	69.9	74.3	76.8	76.2	77.4	16.2
1990 census (June 30, 1990)	69.9	74.3	76.8	76.2	77.5	16.4
1992 (Dec. 31)	(NA)	(NA)	(NA)	78.0	79.4	18.9

NA Not available.

Source of tables B and C: U.S. Bureau of the Census, 1950-1970, *U.S. Census of Population, vol. 1*; 1980 *Census of Population, vol. 1, chapters A and B and Supplementary Report, Metropolitan Statistical Areas (PC80-S1-18)*; and 1990 *Census of Population and Housing Data Paper Listing (CPH-L-10 and CPH-L-118)*.

**Table D. New England County Metropolitan Areas (NECMA's)**

[In thousands. As of July 1]

NECMA	Population, 1991	NECMA	Population, 1991	NECMA	Population, 1991
<b>Bangor, ME</b> . . . . .	147	<b>Burlington, VT</b> . . . . .	178	<b>New London-Norwich, CT</b> . . . . .	255
Penobscot County . . . . .	147	Chittenden County . . . . .	133	New London County . . . . .	255
<b>Barnstable-Yarmouth, MA</b> . . . . .	188	Franklin County . . . . .	40		
Barnstable County . . . . .	188	Grand Isle County . . . . .	6	<b>Pittsfield, MA</b> . . . . .	138
<b>Boston-Brockton-Nashua, MA-NH</b> . . . . .	5,662	<b>Hartford, CT</b> . . . . .	1,125	Berkshire County . . . . .	138
Bristol County, MA . . . . .	508	Hartford County . . . . .	852		
Essex County, MA . . . . .	669	Middlesex County . . . . .	144	<b>Portland, ME</b> . . . . .	244
Middlesex County, MA . . . . .	1,392	Tolland County . . . . .	129	Cumberland County . . . . .	244
Norfolk County, MA . . . . .	616	<b>Lewiston-Auburn, ME</b> . . . . .	105	<b>Providence-Warwick, RI</b> . . . . .	917
Plymouth County, MA . . . . .	437	Androscoggin County . . . . .	105	Kent County . . . . .	49
Suffolk County, MA . . . . .	651	<b>New Haven-Danbury-Stamford-Bridgeport-Waterbury, CT</b> . . . . .	1,533	Providence County . . . . .	594
Worcester County, MA . . . . .	707	Fairfield County . . . . .	829	Washington County . . . . .	112
Hillsborough County, NH . . . . .	336	<b>Waterbury, CT</b> . . . . .	804	<b>Springfield, MA</b> . . . . .	601
Rockingham County, NH . . . . .	242	New Haven County . . . . .	804	Hampden County . . . . .	454
Strafford County, NH . . . . .	103			Hampshire County . . . . .	147

Source: U.S. Bureau of the Census, unpublished data.

# Metropolitan Areas and Their Components as of December 31, 1992

[Population estimated as of July 1, 1991. All metropolitan areas are arranged alphabetically.  
For relationship of PMSA's to their CMSA's, see CMSA entry]

	1991 Popu- lation (1,000)		1991 Popu- lation (1,000)		1991 Popu- lation (1,000)
<b>Ablene, TX MSA</b> .....	119	Coweta County .....	57	<b>Binghamton, NY MSA</b> .....	265
Taylor County .....	119	De Kalb County .....	554	Broome County .....	212
<b>Akron, OH PMSA</b> .....	665	Douglas County .....	73	Tioga County .....	53
Portage County .....	145	Fayette County .....	66	<b>Birmingham, AL MSA</b> .....	849
Summit County .....	520	Forsyth County .....	47	Blount County .....	40
<b>Albany, GA MSA</b> .....	114	Fulton County .....	657	Jefferson County .....	655
Dougherty County .....	97	Gwinnett County .....	371	St. Clair County .....	52
Lee County .....	17	Henry County .....	63	Shelby County .....	103
<b>Albany-Schenectady-Troy, NY MSA</b> .....	869	Newton County .....	44	<b>Bismarck, ND MSA</b> .....	85
Albany County .....	293	Paulding County .....	45	Burleigh County .....	61
Montgomery County .....	52	Pickens County .....	15	Morton County .....	23
Hensselaer County .....	156	Rockdale County .....	57	<b>Bloomington, IN MSA</b> .....	110
Saratoga County .....	185	Spalding County .....	56	Monroe County .....	110
Schenectady County .....	151	Walton County .....	40	<b>Bloomington-Normal, IL MSA</b> .....	132
Schoharie County .....	33	<b>Atlantic-Cape May, NJ PMSA</b> .....	323	McLean County .....	132
<b>Albuquerque, NM MSA</b> .....	602	Atlantic County .....	227	<b>Boise City, ID MSA</b> .....	310
Bernalillo County .....	490	Cape May County .....	96	Ada County .....	216
Sandoval County .....	66	<b>Augusta-Aiken, GA-SC MSA</b> .....	407	Canyon County .....	84
Valencia County .....	47	Columbia County, GA .....	70	<b>Boston, MA-NH-ME-CT PMSA</b> .....	5,027
<b>Alexandria, LA MSA</b> .....	132	Richmond County, GA .....	192	Bristol County, MA (pt.) .....	253
Rapides Parish .....	132	Aiken County, SC .....	126	Essex County, MA .....	669
<b>Allentown-Bethlehem- Easton, PA MSA</b> .....	602	Edgefield County, SC .....	19	Hampden County, MA (pt.) .....	2
Carbon County, PA .....	58	<b>Austin-San Marcos, TX MSA</b> .....	874	Middlesex County, MA .....	1,393
Lehigh County, PA .....	294	Bastrop County .....	39	Norfolk County, MA (pt.) .....	612
Northampton County, PA .....	250	Caldwell County .....	27	Plymouth County, MA (pt.) .....	235
<b>Altoona, PA MSA</b> .....	131	Hays County .....	67	Suffolk County, MA .....	651
Blair County .....	131	Travis County .....	595	Worcester County, MA (pt.) .....	682
<b>Amarillo, TX MSA</b> .....	190	Williamson County .....	147	Hillsborough County, NH (pt.) .....	142
Potter County .....	98	<b>Bakersfield, CA MSA</b> .....	567	Merrimack County, NH .....	13
Randall County .....	90	Kern County .....	567	Rockingham County, NH (pt.) .....	233
<b>Anchorage, AK MSA</b> .....	236	<b>Baltimore, MD PMSA</b> .....	2,414	Stratford County, NH (pt.) .....	97
Anchorage Borough .....	236	Anne Arundel County .....	434	York County, ME (pt.) .....	36
<b>Ann Arbor, MI PMSA</b> .....	499	Baltimore County .....	701	Windham County, CT (pt.) .....	9
Lenawee County .....	92	Carroll County .....	127	<b>Boston-Brockton-Nashua, MA-NH-ME-CT CMSA</b> .....	5,432
Livingston County .....	119	Harford County .....	190	Boston, MA-NH-ME-CT PMSA .....	5,027
Washtenaw County .....	287	Howard County .....	193	Brockton, MA PMSA .....	237
<b>Anniston, AL MSA</b> .....	116	Queen Anne's County .....	35	Nashua, NH PMSA .....	168
Calhoun County .....	116	Baltimore city .....	734	<b>Boulder-Longmont, CO PMSA</b> .....	232
<b>Appleton-Oshkosh-Neenah, WI MSA</b> .....	320	<b>Bangor, ME MSA</b> .....	92	Boulder County .....	232
Calumet County .....	35	Penobscot County (pt.) .....	89	<b>Brazoria, TX PMSA</b> .....	199
Outagamie County .....	142	Waldo County (pt.) .....	3	Brazoria County .....	199
Winnebago County .....	143	<b>Barnstable-Yarmouth, MA MSA</b> .....	136	<b>Bremerton, WA PMSA</b> .....	201
<b>Asheville, NC MSA</b> .....	195	Barnstable County (pt.) .....	136	Kitsap County .....	201
Buncombe County .....	178	<b>Baton Rouge, LA MSA</b> .....	478	<b>Bridgeport, CT PMSA</b> .....	443
Madison County .....	17	East Baton Rouge Parish .....	387	Fairfield County (pt.) .....	335
<b>Athens, GA MSA</b> .....	128	Livingston Parish .....	72	New Haven County (pt.) .....	108
Clarke County .....	88	West Baton Rouge Parish .....	20	<b>Brockton, MA PMSA</b> .....	237
Madison County .....	22	<b>Beaumont-Port Arthur, TX MSA</b> .....	367	Bristol County (pt.) .....	30
Oconee County .....	18	Hardin County .....	42	Norfolk County, (pt.) .....	5
<b>Atlanta, GA MSA</b> .....	3,051	Jefferson County .....	243	Plymouth County, (pt.) .....	203
Barrow County .....	31	Orange County .....	82	<b>Brownsville-Harlingen, TX MSA</b> .....	269
Bartow County .....	58	<b>Bellingham, WA MSA</b> .....	133	Cameron County .....	269
Carroll County .....	73	Whatcom County .....	133	<b>Bryan-College Station, TX MSA</b> .....	123
Cherokee County .....	97	<b>Benton Harbor, MI MSA</b> .....	161	Brazos County .....	123
Clayton County .....	185	Berrien County .....	161		
Cobb County .....	463	<b>Billings, MT MSA</b> .....	115		
		Yellowstone County .....	115		
		<b>Biloxi-Gulfport-Pascagoula, MS MSA</b> .....	316		
		Hancock County .....	32		
		Harrison County .....	167		
		Jackson County .....	117		

	1991 Popu- lation (1,000)		1991 Popu- lation (1,000)		1991 Popu- lation (1,000)
<b>Buffalo-Niagara Falls, NY</b>		Campbell County, KY . . . . .	84	<b>Danville, VA MSA . . . . .</b>	109
<b>MSA . . . . .</b>	1,193	Gallatin County, KY . . . . .	5	Pittsylvania County . . . . .	56
Erie County . . . . .	972	Grant County, KY . . . . .	16	Danville city . . . . .	54
Niagara County . . . . .	221	Kenton County, KY . . . . .	143		
<b>Burlington, VT MSA . . . . .</b>	153	Pendleton County, KY . . . . .	12	<b>Davenport-Moline-</b>	
Chittenden County (pt.) . . . . .	126	Dearborn County, IN . . . . .	40	<b>Rock Island, IA-IL MSA . . . . .</b>	354
Franklin County (pt.) . . . . .	24	Ohio County, IN . . . . .	5	Scott County, IA . . . . .	153
Grand Isle County (pt.) . . . . .	3			Henry County, IL . . . . .	51
		<b>Cincinnati-Hamilton, OH-</b>		Rock Island County, IL . . . . .	150
<b>Canton-Massillon, OH MSA . . . . .</b>	397	<b>KY-IN CMSA . . . . .</b>	1,843		
Carroll County . . . . .	27	Cincinnati, OH-KY-IN . . . . .	1,544	<b>Dayton-Springfield, OH</b>	
Stark County . . . . .	370	PMSA . . . . .	299	<b>MSA . . . . .</b>	956
<b>Casper, WY MSA . . . . .</b>	62	Hamilton-Middletown, OH . . . . .		Clark County . . . . .	148
Natrona County . . . . .	62	PMSA . . . . .		Greene County . . . . .	138
<b>Cedar Rapids, IA MSA . . . . .</b>	171	<b>Clarksville-Hopkinsville,</b>		Miami County . . . . .	94
Linn County . . . . .	171	<b>TN-KY MSA . . . . .</b>	170	Montgomery County . . . . .	576
		Montgomery County, TN . . . . .	103	<b>Daytona Beach, FL MSA . . . . .</b>	414
<b>Champaign-Urbana,</b>		Christian County, KY . . . . .	67	Flagler County . . . . .	31
<b>IL MSA . . . . .</b>	174			Volusia County . . . . .	382
Champaign County . . . . .	174	<b>Cleveland-Akron, OH</b>			
<b>Charleston, WV MSA . . . . .</b>	252	<b>CMSA . . . . .</b>	2,878	<b>Decatur, AL MSA . . . . .</b>	134
Kanawha County . . . . .	207	Akron, OH PMSA . . . . .	665	Lawrence County . . . . .	32
Putnam County . . . . .	44	Cleveland-Lorain-Elyria, OH . . . . .	2,213	Morgan County . . . . .	102
<b>Charleston-North Charleston,</b>		PMSA . . . . .		<b>Decatur, IL MSA . . . . .</b>	118
<b>SC MSA . . . . .</b>	524	<b>Cleveland-Lorain-Elyria, OH</b>		Macon County . . . . .	118
Berkeley County . . . . .	133	<b>PMSA . . . . .</b>	2,213		
Charleston County . . . . .	304	Ashtabula County . . . . .	100	<b>Denver, CO PMSA . . . . .</b>	1,668
Dorchester County . . . . .	86	Cuyahoga County . . . . .	1,414	Adams County . . . . .	273
		Geauga County . . . . .	82	Arapahoe County . . . . .	407
<b>Charlotte-Gastonia-Rock</b>		Lake County . . . . .	218	Denver County . . . . .	476
<b>Hill, NC-SC MSA . . . . .</b>	1,180	Lorain County . . . . .	273	Douglas County . . . . .	66
Cabarrus County, NC . . . . .	101	Medina County . . . . .	125	Jefferson County . . . . .	447
Gaston County, NC . . . . .	177			<b>Denver-Boulder-Greeley, CO</b>	
Lincoln County, NC . . . . .	51	<b>Colorado Springs, CO MSA . . . . .</b>	404	<b>CMSA . . . . .</b>	2,034
Mecklenburg County, NC . . . . .	526	El Paso County . . . . .	404	Boulder-Longmont, CO . . . . .	
Rowan County, NC . . . . .	112			PMSA . . . . .	232
Union County, NC . . . . .	87	<b>Columbia, MO MSA . . . . .</b>	115	Denver, CO PMSA . . . . .	1,668
York County, SC . . . . .	135	Boone County . . . . .	115	Greeley, CO PMSA . . . . .	134
<b>Charlottesville, VA MSA . . . . .</b>	134	<b>Columbia, SC MSA . . . . .</b>	464		
Albemarle County . . . . .	68	Lexington County . . . . .	173	<b>Des Moines, IA MSA . . . . .</b>	400
Fluvanna County . . . . .	13	Richland County . . . . .	291	Dallas County . . . . .	30
Greene County . . . . .	11			Polk County . . . . .	333
Charlottesville city . . . . .	41	<b>Columbus, GA-AL MSA . . . . .</b>	264	Warren County . . . . .	37
<b>Chattanooga, TN-GA MSA . . . . .</b>	403	Chattahoochee County, GA . . . . .	17		
Hamilton County, TN . . . . .	288	Harris County, GA . . . . .	18	<b>Detroit, MI PMSA . . . . .</b>	4,285
Catoosa County, GA . . . . .	43	Muscookee County, GA . . . . .	181	Lapeer County . . . . .	77
Dade County, GA . . . . .	13	Russell County, AL . . . . .	48	Macomb County . . . . .	722
Walker County, GA . . . . .	59			Monroe County . . . . .	134
<b>Cheyenne, WY MSA . . . . .</b>	74	<b>Columbus, OH MSA . . . . .</b>	1,370	Oakland County . . . . .	1,100
Laramie County . . . . .	74	Delaware County . . . . .	69	St. Clair County . . . . .	148
		Fairfield County . . . . .	106	Wayne County . . . . .	2,103
<b>Chicago, IL PMSA . . . . .</b>	7,498	Franklin County . . . . .	978		
Cook County . . . . .	5,130	Licking County . . . . .	131	<b>Detroit-Ann Arbor-Flint, MI CMSA . . . . .</b>	5,215
DeKalb County . . . . .	79	Madison County . . . . .	38	Ann Arbor, MI PMSA . . . . .	499
Du Page County . . . . .	799	Pickaway County . . . . .	49	Detroit, MI PMSA . . . . .	4,285
Grundy County . . . . .	33			Flint, MI PMSA . . . . .	431
Kane County . . . . .	326	<b>Corpus Christi, TX MSA . . . . .</b>	356		
Kendall County . . . . .	41	Nueces County . . . . .	297	<b>Dothan, AL MSA . . . . .</b>	132
Lake County . . . . .	530	San Patricio County . . . . .	60	Dale County . . . . .	50
McHenry County . . . . .	192			Houston County . . . . .	82
Will County . . . . .	367	<b>Cumberland, MD-WV MSA . . . . .</b>	102	<b>Dover, DE MSA . . . . .</b>	114
<b>Chicago-Gary-Kenosha,</b>		Allegany County, MD . . . . .	75	Kent County . . . . .	114
<b>IL-IN-WI CMSA . . . . .</b>	8,339	Mineral County, WV . . . . .	27		
Chicago, IL PMSA . . . . .	7,498	<b>Dallas, TX PMSA . . . . .</b>	2,739	<b>Dubuque, IA MSA . . . . .</b>	87
Gary, IN PMSA . . . . .	611	Collin County . . . . .	277	Dubuque County . . . . .	87
Kankakee, IL PMSA . . . . .	98	Dallas County . . . . .	1,887		
Kenosha, WI PMSA . . . . .	132	Denton County . . . . .	284	<b>Duluth, MN-WI MSA . . . . .</b>	241
		Ellis County . . . . .	87	St. Louis County, MN . . . . .	199
<b>Chico-Paradise, CA MSA . . . . .</b>	187	Henderson County . . . . .	59	Douglas County, WI . . . . .	42
Butte County . . . . .	187	Hunt County . . . . .	64		
<b>Cincinnati, OH-KY-IN PMSA . . . . .</b>	1,539	Kaufman County . . . . .	54	<b>Dutchess County, NY PMSA . . . . .</b>	261
Brown County, OH . . . . .	36	Rockwall County . . . . .	27	Dutchess County . . . . .	261
Clermont County, OH . . . . .	154				
Hamilton County, OH . . . . .	870	<b>Dallas-Fort Worth, TX</b>		<b>Eau Claire, WI MSA . . . . .</b>	139
Warren County, OH . . . . .	117	<b>CMSA . . . . .</b>	4,135	Chippewa County . . . . .	53
Boone County, KY . . . . .	61	Dallas, TX PMSA . . . . .	2,739	Eau Claire County . . . . .	86
		Fort Worth-Arlington, TX . . . . .			
		PMSA . . . . .	1,396	<b>El Paso, TX MSA . . . . .</b>	612
<b>Danbury, CT PMSA . . . . .</b>	209			El Paso County . . . . .	612
Fairfield County (pt.) . . . . .	163	<b>Danville, CT PMSA . . . . .</b>	209		
Litchfield County (pt.) . . . . .	30	Fairfield County (pt.) . . . . .	163	<b>Elkhart-Goshen, IN MSA . . . . .</b>	158
New Haven County (pt.) . . . . .	16	Litchfield County (pt.) . . . . .	30	Elkhart County . . . . .	158
		New Haven County (pt.) . . . . .	16		

	1991 Popu- lation (1,000)		1991 Popu- lation (1,000)		1991 Popu- lation (1,000)
<b>Elmira, NY MSA</b> .....	95	<b>Gadsden, AL MSA</b> .....	100	<b>Hickory-Morganton, NC MSA</b> .....	296
Chemung County .....	95	Etowah County .....	100	Alexander County .....	28
<b>Enid, OK MSA</b> .....	56	<b>Gainesville, FL MSA</b> .....	186	Burke County .....	76
Garfield County .....	56	Alachua County .....	186	Caldwell County .....	71
<b>Erie, PA MSA</b> .....	278	<b>Galveston-Texas City, TX</b> .....	223	Catawba County .....	120
Erie County .....	278	<b>PMSA</b> .....	223	<b>Honolulu, HI MSA</b> .....	851
<b>Eugene-Springfield, OR</b> .....	288	Galveston County .....	223	Honolulu County .....	851
<b>MSA</b> .....	288	<b>Gary, IN PMSA</b> .....	611	<b>Houma, LA MSA</b> .....	185
Lane County .....	288	Lake County .....	479	Lafourche Parish .....	86
<b>Evansville-Henderson, IN-KY</b> .....	281	Porter County .....	132	Terrebonne Parish .....	99
<b>MSA</b> .....	281	<b>Glens Falls, NY MSA</b> .....	120	<b>Houston, TX PMSA</b> .....	3,437
Posey County, IN .....	26	Warren County .....	60	Chambers County .....	20
Vanderburgh County, IN .....	166	Washington County .....	60	Fort Bend County .....	241
Warrick County, IN .....	46	<b>Goldsboro, NC MSA</b> .....	106	Harris County .....	2,905
Henderson County, KY .....	43	Wayne County .....	106	Liberty County .....	54
<b>Fargo-Moorhead, ND-MN</b> .....	155	<b>Grand Forks, ND-MN MSA</b> .....	103	Montgomery County .....	193
<b>MSA</b> .....	155	Grand Forks County, ND .....	70	Waller County .....	24
Cass County, ND .....	104	Polk County, MN .....	33	<b>Houston-Galveston-</b> .....	
Clay County, MN .....	51	<b>GrandRapid-Muskegon-Holland,</b> .....		<b>Brazoria, TX CMSA</b> .....	3,859
<b>Fayetteville, NC MSA</b> .....	276	<b>MI MSA</b> .....	953	Brazoria, TX PMSA .....	199
Cumberland County .....	276	Allegan County .....	92	Galveston-Texas City, TX	
<b>Fayetteville-Springdale-</b> .....		Kent County .....	508	<b>PMSA</b> .....	223
<b>Rogers, AR MSA</b> .....	218	Muskegon County .....	180	Houston, TX PMSA .....	3,437
Benton County .....	101	Ottawa County .....	193	<b>Huntington-Ashland,</b> .....	
Washington County .....	117	<b>Great Falls, MT MSA</b> .....	79	<b>WV-KY-OH MSA</b> .....	289
<b>Flint, MI PMSA</b> .....	431	Cascade County .....	79	Cabell County, WV .....	97
Genesee County .....	431	<b>Greeley, CO PMSA</b> .....	134	Wayne County, WV .....	42
<b>Florence, AL MSA</b> .....	133	Weld County .....	134	Boyd County, KY .....	51
Colbert County .....	52	<b>Green Bay, WI MSA</b> .....	199	Greenup County, KY .....	37
Lauderdale County .....	81	Brown County .....	199	Lawrence County, OH .....	62
<b>Florence, SC MSA</b> .....	117	<b>Greensboro-Winston-</b> .....		<b>Huntsville, AL MSA</b> .....	300
Florence County .....	117	<b>Salem-High Point, NC</b> .....		Limestone County .....	56
<b>Fort Collins-Loveland, CO</b> .....	193	<b>MSA</b> .....	1,066	Madison County .....	245
Larimer County .....	193	Alamance County .....	110	<b>Indianapolis, IN MSA</b> .....	1,406
<b>Fort Lauderdale, FL PMSA</b> .....	1,287	Davidson County .....	128	Boone County .....	38
Broward County .....	1,287	Davie County .....	28	Hamilton County .....	116
<b>Fort Myers-Cape Coral, FL</b> .....	347	Forsyth County .....	268	Hancock County .....	46
<b>MSA</b> .....	347	Guilford County .....	354	Hendricks County .....	78
Lee County .....	347	Randolph County .....	109	Johnson County .....	92
<b>Fort Pierce-Port St. Lucie, FL</b> .....	260	Stokes County .....	38	Madison County .....	132
<b>MSA</b> .....	260	Yadkin County .....	31	Marion County .....	807
Martin County .....	104	<b>Greenville, NC MSA</b> .....	111	Morgan County .....	57
St. Lucie County .....	156	Pitt County .....	111	Shelby County .....	41
<b>Fort Smith, AR-OK MSA</b> .....	179	<b>Greenville-Spartanburg-</b> .....		<b>Iowa City, IA MSA</b> .....	97
Crawford County, AR .....	44	<b>Anderson, SC MSA</b> .....	843	Johnson County .....	97
Sebastian County, AR .....	101	Anderson County .....	146	<b>Jackson, MI MSA</b> .....	151
Sequoyah County, OK .....	34	Cherokee County .....	45	Jackson County .....	151
<b>Fort Walton Beach, FL</b> .....	148	Greenville County .....	324	<b>Jackson, MS MSA</b> .....	400
<b>MSA</b> .....	148	Pickens County .....	97	Hinds County .....	255
Okaloosa County .....	148	Spartanburg County .....	231	Madison County .....	56
<b>Fort Wayne, IN MSA</b> .....	460	<b>Hagerstown, MD PMSA</b> .....	123	Rankin County .....	89
Adams County .....	31	Washington County .....	123	<b>Jacksonville, FL MSA</b> .....	934
Allen County .....	303	<b>Hamilton-Middletown, OH</b> .....		Clay County .....	110
De Kalb County .....	36	<b>PMSA</b> .....	299	Duval County .....	691
Huntington County .....	36	Butler County .....	299	Nassau County .....	45
Wells County .....	26	<b>Harrisburg-Lebanon-</b> .....		St. Johns County .....	87
Whitley County .....	28	<b>Carlisle, PA MSA</b> .....	595	<b>Jacksonville, NC MSA</b> .....	144
<b>Fort Worth-Arlington, TX</b> .....	1,396	Cumberland County .....	198	Onslow County .....	144
<b>PMSA</b> .....	1,396	Dauphin County .....	240	<b>Jamestown, NY MSA</b> .....	142
Hood County .....	30	Lebanon County .....	115	Chautauqua County .....	142
Johnson County .....	99	Perry County .....	42	<b>Janesville-Beloit, WI MSA</b> .....	141
Parker County .....	66	<b>Hartford, CT MSA</b> .....	1,159	Rock County .....	141
Tarrant County .....	1,200	Hartford County (pt.) .....	850	<b>Johnson City-Kingsport-</b> .....	
<b>Fresno, CA MSA</b> .....	781	Litchfield County (pt.) .....	98	<b>Bristol, TN-VA MSA</b> .....	441
Fresno County .....	688	Middlesex County (pt.) .....	98	Carter County, TN .....	52
Madera County .....	93	New London County (pt.) .....	17	Hawkins County, TN .....	45
		Tolland County (pt.) .....	128	Sullivan County, TN .....	145
		Windham County (pt.) .....	28	Union County, TN .....	94
				Washington County, TN .....	17
				Scott County, VA .....	23
				Washington County, VA .....	47
				Bristol city, VA .....	18

	1991 Popu- lation (1,000)		1991 Popu- lation (1,000)		1991 Popu- lation (1,000)
<b>Johnstown, PA MSA</b> . . . . .	241	<b>Lawrence, KS MSA</b> . . . . .	84	<b>Medford-Ashland, OR MSA</b> . . . . .	151
Cambria County . . . . .	163	Douglas County . . . . .	84	Jackson County . . . . .	151
Somerset County . . . . .	78				
<b>Joplin, MO MSA</b> . . . . .	136	<b>Lawton, OK MSA</b> . . . . .	112	<b>Melbourne-Titusville-Palm</b>	
Jasper County . . . . .	91	Comanche County . . . . .	112	<b>Bay, FL MSA</b> . . . . .	414
Newton County . . . . .	45			Brevard County . . . . .	414
<b>Kalamazoo-Battle Creek, MI</b>		<b>Lewiston-Auburn, ME MSA</b> . . . . .	93	<b>Memphis, TN-AR-MS MSA</b> . . . . .	1,020
<b>MSA</b> . . . . .	433	Androscoggin County (pt.) . . . . .	93	Fayette County, TN . . . . .	26
Calhoun County . . . . .	137	<b>Lexington, KY MSA</b> . . . . .	412	Shelby County, TN . . . . .	835
Kalamazoo County . . . . .	224	Bourbon County . . . . .	19	Tipton County, TN . . . . .	38
Van Buren County . . . . .	71	Clark County . . . . .	30	Crittenden County, AR . . . . .	50
<b>Kankakee, IL PMSA</b> . . . . .	98	Fayette County . . . . .	228	De Soto County, MS . . . . .	71
Kankakee County . . . . .	98	Jessamine County . . . . .	31		
<b>Kansas City, MO-KS MSA</b> . . . . .	1,602	Madison County . . . . .	58	<b>Merced, CA MSA</b> . . . . .	185
Cass County, MO . . . . .	66	Scott County . . . . .	24	Merced County . . . . .	185
Clay County, MO . . . . .	156	Woodford County . . . . .	20		
Clinton County, MO . . . . .	17	<b>Lima, OH MSA</b> . . . . .	165	<b>Miami, FL PMSA</b> . . . . .	1,977
Jackson County, MO . . . . .	634	Allen County . . . . .	109	Dade County . . . . .	1,977
Lafayette County, MO . . . . .	31	Auglaize County . . . . .	45		
Platte County, MO . . . . .	60	<b>Lincoln, NE MSA</b> . . . . .	217	<b>Miami-Fort Lauderdale, FL</b>	
Ray County, MO . . . . .	22	Lancaster County . . . . .	217	<b>CMSA</b> . . . . .	3,264
Johnson County, KS . . . . .	365	<b>Little Rock-North Little</b>		Fort Lauderdale, FL PMSA . . . . .	1,287
Leavenworth County, KS . . . . .	67	<b>Rock, AR MSA</b> . . . . .	519	Miami, FL PMSA . . . . .	1,977
Miami County, KS . . . . .	24	Faulkner County . . . . .	62	<b>Milwaukee-Racine, WI CMSA</b>	1,622
Wyandotte County, KS . . . . .	160	Louisa County . . . . .	40	Milwaukee-Waukesha, WI	
<b>Kenosha, WI PMSA</b> . . . . .	132	Pulaski County . . . . .	352	<b>PMSA</b> . . . . .	1,444
Kenosha County . . . . .	132	Saline County . . . . .	66	Racine, WI PMSA . . . . .	178
<b>Killeen-Temple, TX MSA</b> . . . . .	248	<b>Longview-Marshall, TX MSA</b> . . . . .	197	<b>Milwaukee-Waukesha, WI PMSA</b>	1,444
Bell County . . . . .	185	Gregg County . . . . .	107	Milwaukee County . . . . .	958
Coryell County . . . . .	63	Harrison County . . . . .	57	Ozaukee County . . . . .	74
<b>Knoxville, TN MSA</b> . . . . .	600	Upshur County . . . . .	32	Washington County . . . . .	99
Anderson County . . . . .	69	<b>Los Angeles-Long Beach,</b>		Waukesha County . . . . .	313
Blount County . . . . .	89	<b>CA PMSA</b> . . . . .	8,978	<b>Minneapolis-St. Paul,</b>	
Knox County . . . . .	343	Los Angeles County . . . . .	8,978	<b>MIN-WI MSA</b> . . . . .	2,583
Loudon County . . . . .	32	<b>Los Angeles-Riverside-</b>		Anoka County, MN . . . . .	252
Sevier County . . . . .	53	<b>Orange County, CA CMSA</b> . . . . .	14,818	Carver County, MN . . . . .	50
Union County . . . . .	14	Los Angeles-Long Beach,		Chisago County, MN . . . . .	31
<b>Kokomo, IN MSA</b> . . . . .	98	<b>CA PMSA</b> . . . . .	8,978	Dakota County, MN . . . . .	286
Howard County . . . . .	82	Orange County, CA PMSA . . . . .	2,442	Hennepin County, MN . . . . .	1,039
Tipton County . . . . .	16	Riverside-San Bernardino,		Isanti County, MN . . . . .	27
<b>La Crosse, WI-MN MSA</b> . . . . .	117	<b>CA PMSA</b> . . . . .	2,721	Ramsey County, MN . . . . .	487
La Crosse County, WI . . . . .	98	Ventura, CA PMSA . . . . .	677	Scott County, MN . . . . .	80
Houston County, MN . . . . .	19	<b>Louisville, KY-IN MSA</b> . . . . .	958	Sherburne County, MN . . . . .	44
<b>Lafayette, LA MSA</b> . . . . .	350	Bullitt County, KY . . . . .	48	Washington County, MN . . . . .	152
Acadia Parish . . . . .	56	Jefferson County, KY . . . . .	667	Wright County, MN . . . . .	71
Lafayette Parish . . . . .	169	Oldham County, KY . . . . .	35	Pierce County, WI . . . . .	33
St. Landry Parish . . . . .	81	Clark County, IN . . . . .	89	St. Croix County, WI . . . . .	51
St. Martin Parish . . . . .	44	Floyd County, IN . . . . .	66	<b>Mobile, AL MSA</b> . . . . .	486
<b>Lafayette, IN MSA</b> . . . . .	164	Harrison County, IN . . . . .	31	Baldwin County . . . . .	102
Clinton County . . . . .	31	Scott, IN . . . . .	21	Mobile County . . . . .	384
Tippecanoe County . . . . .	132	<b>Lubbock, TX MSA</b> . . . . .	225	<b>Modesto, CA MSA</b> . . . . .	387
<b>Lake Charles, LA MSA</b> . . . . .	170	Lubbock County . . . . .	225	Stanislaus County . . . . .	387
Calcasieu Parish . . . . .	170	<b>Lynchburg, VA MSA</b> . . . . .	197	<b>Monroe, LA MSA</b> . . . . .	143
<b>Lakeland-Winter Haven, FL</b>		Amherst County . . . . .	29	Ouachita Parish . . . . .	143
<b>MSA</b> . . . . .	413	Bedford County . . . . .	47	<b>Montgomery, AL MSA</b> . . . . .	298
Polk County . . . . .	413	Campbell County . . . . .	48	Autauga County . . . . .	35
<b>Lancaster, PA MSA</b> . . . . .	430	Bedford city . . . . .	6	Elmore County . . . . .	51
Lancaster County . . . . .	430	Lynchburg city . . . . .	66	Montgomery County . . . . .	212
<b>Lansing-East Lansing, MI</b>		<b>Macon, GA MSA</b> . . . . .	295	<b>Muncie, IN MSA</b> . . . . .	120
<b>MSA</b> . . . . .	436	Bibb County . . . . .	152	Delaware County . . . . .	120
Clinton County . . . . .	59	Houston County . . . . .	91	<b>Myrtle Beach, SC MSA</b> . . . . .	149
Eaton County . . . . .	94	Jones County . . . . .	21	Horry County . . . . .	149
Ingham County . . . . .	283	Peach County . . . . .	21	<b>Naples, FL MSA</b> . . . . .	160
<b>Laredo, TX MSA</b> . . . . .	140	Twiggs County . . . . .	10	Collier County . . . . .	160
Webb County . . . . .	140	<b>Madison, WI MSA</b> . . . . .	376	<b>Nashua, NH PMSA</b> . . . . .	168
<b>Las Cruces, NM MSA</b> . . . . .	141	Dane County . . . . .	376	Hillsborough County (pt.) . . . . .	168
Dona Ana County . . . . .	141	<b>Mansfield, OH MSA</b> . . . . .	174	<b>Nashville, TN MSA</b> . . . . .	1,003
<b>Las Vegas, NV-AZ MSA</b> . . . . .	925	Crawford County . . . . .	48	Cheatham County . . . . .	28
Clark County, NV . . . . .	806	Richland County . . . . .	126	Davidson County . . . . .	513
Nye County, NV . . . . .	19	<b>McAllen-Edinburg-Mission,</b>		Dickson County . . . . .	36
Mohave County, AZ . . . . .	100	<b>TX MSA</b> . . . . .	399	Robertson County . . . . .	43
		Hidalgo County . . . . .	399	Rutherford County . . . . .	124
				Sumner County . . . . .	105
				Williamson County . . . . .	85
				Wilson County . . . . .	70

	1991 Popu- lation (1,000)		1991 Popu- lation (1,000)		1991 Popu- lation (1,000)
<b>New Haven-Meriden, CT</b>		<b>Odessa-Midland, TX MSA</b>	230	<b>Pittsfield, MA MSA</b>	88
PMSA	530	Ector County	121	Berkshire County (pt.)	88
Middlesex County (pt.)	18	Midland County	109		
New Haven County (pt.)	512			<b>Portland, ME MSA</b>	222
<b>New London-Norwich,</b>		<b>Oklahoma City, OK MSA</b>	971	Cumberland County (pt.)	201
<b>CT-RI MSA</b>	290	Canadian County	76	York County (pt.)	21
Middlesex County, CT (pt.)	10	Cleveland County	178		
New London County, CT (pt.)	233	Logan County	29	<b>Portland-Salem, OR-WA</b>	
Windham County, CT (pt.)	19	McClain County	23	<b>CMSA</b>	1,867
Washington County, RI (pt.)	29	Oklahoma County	606	Portland-Vancouver, OR-WA	
		Pottawatomie County	59	PMSA	1,570
				Salem, OR PMSA	287
<b>New Orleans, LA MSA</b>	1,295	<b>Olympia, WA PMSA</b>	170	<b>Portland-Vancouver, OR-WA</b>	
Jefferson Parish	454	Thurston County	170	<b>PMSA</b>	1,570
Orleans Parish	493			Clackamas County, OR	289
Plaquemines Parish	26	<b>Omaha, NE-IA MSA</b>	649	Columbia County, OR	39
St. Bernard Parish	66	Cass County, NE	22	Multnomah County, OR	596
St. Charles Parish	43	Douglas County, NE	422	Washington County, OR	327
St. James Parish	21	Sarpy County, NE	106	Yamhill County, OR	68
St. John the Baptist Parish	41	Washington County, NE	17	Clark County, WA	252
St. Tammany Parish	151	Pottawattamie County, IA	83		
<b>New York-Newark, NY-NJ-PA</b>		<b>Orange County, CA PMSA</b>	2,442	<b>Providence-Fall River-Warwick,</b>	
<b>PMSA</b>	16,972	Orange County	2,442	<b>RI-MA MSA</b>	1,135
Bergen County, NJ	827	<b>Orange County, NY PMSA</b>	312	Bristol County, RI	49
Essex County, NJ	773	Orange County	312	Kent County, RI	162
Hudson County, NJ	553			Newport County, RI (pt.)	23
Hunterdon County, NJ	108	<b>Orlando, FL MSA</b>	1,269	Providence County, RI	594
Middlesex County, NJ	674	Lake County	158	Washington County, RI (pt.)	82
Monmouth County, NJ	558	Orange County	696	Bristol County, MA (pt.)	225
Morris County, NJ	423	Osceola County	115		
Ocean County, NJ	438	Seminole County	300	<b>Provo-Orem, UT MSA</b>	270
Passaic County, NJ	453			Utah County	270
Somerset County, NJ	244	<b>Owensboro, KY MSA</b>	88		
Sussex County, NJ	132	Daviess County	88	<b>Pueblo, CO MSA</b>	123
Union County, NJ	493			Pueblo County	123
Warren County, NJ	93	<b>Panama City, FL MSA</b>	130		
Bronx County, NY	1,198	Bay County	130	<b>Punta Gorda, FL MSA</b>	117
Kings County, NY	2,292	<b>Parkersburg-Marietta,</b>		Charlotte County	117
Nassau County, NY	1,293	<b>WV-OH MSA</b>	149		
New York County, NY	1,494	Wood County, WV	87	<b>Racine, WI PMSA</b>	178
Putnam County, NY	86	Washington County, OH	62	Racine County	178
Queens County, NY	1,952			<b>Raleigh-Durham-Chapel Hill,</b>	
Richmond County, NY	385	<b>Pensacola, FL MSA</b>	354	<b>NC MSA</b>	883
Rockland County, NY	268	Escambia County	288	Chatham County	40
Suffolk County, NY	1,326	Santa Rosa County	86	Durham County	186
Westchester County, NY	878			Franklin County	37
Pike County, PA	31	<b>Peoria-Pekin, IL MSA</b>	342	Johnston County	84
		Peoria County	184	Orange County	96
<b>New York-Northern New</b>		Tazewell County	125	Wake County	441
<b>Jersey-Long Island,</b>		Woodford County	33		
<b>NY-NJ-CT-PA CMSA</b>	19,384	<b>Philadelphia, PA-NJ PMSA</b>	4,941	<b>Rapid City, SD MSA</b>	84
Bridgeport, CT PMSA	443	Bucks County, PA	549	Pennington County	84
Danbury, CT PMSA	209	Chester County, PA	383		
Dutchess County, NY PMSA	261	Delaware County, PA	549	<b>Reading, PA MSA</b>	341
New Haven-Meriden, CT PMSA	530	Montgomery County, PA	686	Berks County	341
New York-Newark, NY-NJ-PA		Philadelphia County, PA	1,573		
<b>PMSA</b>	16,972	Burlington County, NJ	399	<b>Redding, CA MSA</b>	154
Orange County, NY PMSA	312	Camden County, NJ	505	Shasta County	154
Stamford-Norwalk, CT PMSA	331	Gloucester County, NJ	233		
Trenton, NJ PMSA	327	Salem County, NJ	65	<b>Reno, NV MSA</b>	263
				Washoe County	263
<b>Norfolk-Virginia Beach-</b>		<b>Philadelphia-Wilmington-</b>		<b>Richland-Kennewick-Pasco,</b>	
<b>Newport News,</b>		<b>Atlantic City, PA-NJ-DE-MD</b>		<b>WA MSA</b>	155
<b>VA-NC MSA</b>	1,485	<b>CMSA</b>	5,925	Benton County	116
Currituck County, NC	14	Atlantic-Cape May, NJ PMSA	323	Franklin County	39
Gloucester County, VA	31	Philadelphia, PA-NJ PMSA	4,941		
Isle of Wight County, VA	26	Vineland-Millville-Bridgeton,		<b>Richmond-Petersburg, VA</b>	
James City County, VA	36	NJ PMSA	139	<b>MSA</b>	861
Mathews County, VA	8	Wilmington-Newark, DE-MD		Charles City County	6
York County, VA	45	<b>PMSA</b>	522	Chesterfield County	217
Chesapeake city, VA	159			Dinwiddie County	20
Hampton city, VA	136	<b>Phoenix-Mesa, AZ MSA</b>	2,287	Goochland County	15
Newport News city, VA	174	Maricopa County	2,169	Hanover County	66
Norfolk city, VA	255	Pinal County	118	Henrico County	220
Poquoson city, VA	11			New Kent County	11
Portsmouth city, VA	104	<b>Pine Bluff, AR MSA</b>	85	Powhatan County	16
Suffolk city, VA	53	Jefferson County	85	Prince George County	27
Virginia Beach city, VA	402			Colonial Heights city	16
Williamsburg city, VA	12	<b>Pittsburgh, PA MSA</b>	2,404	Hopewell city	23
		Allegheny County	1,338	Petersburg city	40
<b>Oakland, CA PMSA</b>	2,112	Beaver County	187	Richmond city	204
Alameda County	1,292	Butler County	155		
Contra Costa County	820	Fayette County	146		
		Washington County	206		
<b>Ocala, FL MSA</b>	202	Westmoreland County	372		
Marion County	202				

	1991 Popu- lation (1,000)		1991 Popu- lation (1,000)		1991 Popu- lation (1,000)
<b>Riverside-San Bernardino, CA PMSA</b> . . . . .	2,721	<b>San Diego, CA MSA</b> . . . . .	2,549	<b>Sioux City, IA-NE MSA</b> . . . . .	116
Riverside County . . . . .	1,236	San Diego County . . . . .	2,549	Woodbury County, IA . . . . .	99
San Bernardino County . . . . .	1,485	<b>San Francisco, CA PMSA</b> . . . . .	1,622	Dakota County, NE . . . . .	17
<b>Roanoke, VA MSA</b> . . . . .	227	Marin County . . . . .	233	<b>Sioux Falls, SD MSA</b> . . . . .	143
Botetourt County . . . . .	25	San Francisco County . . . . .	733	Lincoln County . . . . .	16
Roanoke County . . . . .	80	San Mateo County . . . . .	656	Minnehaha County . . . . .	127
Roanoke city . . . . .	97	<b>San Francisco-Oakland-San Jose, CA CMSA</b> . . . . .	6,332	<b>South Bend, IN MSA</b> . . . . .	249
Salem city . . . . .	24	Oakland, CA PMSA . . . . .	2,112	St. Joseph County . . . . .	249
<b>Rochester, MN MSA</b> . . . . .	109	San Francisco, CA PMSA . . . . .	1,622	<b>Spokane, WA MSA</b> . . . . .	374
Olmsted County . . . . .	109	San Jose, CA PMSA . . . . .	1,506	Spokane County . . . . .	374
<b>Rochester, NY MSA</b> . . . . .	1,073	Santa Cruz-Watsonville, CA PMSA . . . . .	229	<b>Springfield, IL MSA</b> . . . . .	191
Genesee County . . . . .	61	Santa Rosa, CA PMSA . . . . .	396	Menard County . . . . .	11
Livingston County . . . . .	63	Vallejo-Fairfield-Napa, CA PMSA . . . . .	466	Sangamon County . . . . .	180
Monroe County . . . . .	720	<b>San Jose, CA PMSA</b> . . . . .	1,506	<b>Springfield, MA MSA</b> . . . . .	586
Ontario County . . . . .	87	Santa Clara County . . . . .	1,506	Franklin County (pt.) . . . . .	3
Orleans County . . . . .	42	<b>San Luis Obispo-Atascadero- Paso Robles, CA MSA</b> . . . . .	219	Hampden County (pt.) . . . . .	443
Wayne County . . . . .	90	San Luis Obispo County . . . . .	219	Hampshire County (pt.) . . . . .	140
<b>Rockford, IL MSA</b> . . . . .	336	<b>Santa Barbara-Santa Maria- Lompoc, CA MSA</b> . . . . .	374	<b>Springfield, MO MSA</b> . . . . .	270
Boone County . . . . .	32	Santa Barbara County . . . . .	374	Christian County . . . . .	35
Ogle County . . . . .	47	<b>Santa Cruz-Watsonville, CA PMSA</b> . . . . .	229	Greene County . . . . .	211
Winnebago County . . . . .	257	Santa Cruz County . . . . .	229	Webster County . . . . .	24
<b>Rocky Mount, NC MSA</b> . . . . .	135	<b>Santa Fe, NM MSA</b> . . . . .	120	<b>Stamford-Norwalk, CT PMSA</b> . . . . .	331
Edgecombe County . . . . .	56	Los Alamos County . . . . .	18	Fairfield County (pt.) . . . . .	331
Nash County . . . . .	78	Santa Fe County . . . . .	102	<b>State College, PA MSA</b> . . . . .	125
<b>Sacramento, CA PMSA</b> . . . . .	1,388	<b>Santa Rosa, CA PMSA</b> . . . . .	396	Centre County . . . . .	125
El Dorado County . . . . .	133	Sonoma County . . . . .	396	<b>Steubenville-Weirton, OH- WV MSA</b> . . . . .	142
Placer County . . . . .	180	<b>Sarasota-Bradenton, FL MSA</b> . . . . .	501	Jefferson County, OH . . . . .	80
Sacramento County . . . . .	1,075	Manatee County . . . . .	217	Brooke County, WV . . . . .	27
<b>Sacramento-Yolo, CA CMSA</b> . . . . .	1,532	Sarasota County . . . . .	285	Hancock County, WV . . . . .	35
Sacramento, CA PMSA . . . . .	1,388	<b>Savannah, GA MSA</b> . . . . .	263	<b>Stockton-Lodi, CA MSA</b> . . . . .	493
Yolo, CA PMSA . . . . .	144	Bryan County . . . . .	16	San Joaquin County . . . . .	493
<b>Saginaw-Bay City- Midland, MI MSA</b> . . . . .	401	Chatham County . . . . .	220	<b>Sumter, SC MSA</b> . . . . .	105
Bay County . . . . .	112	Effingham County . . . . .	26	Sumter County . . . . .	105
Midland County . . . . .	77	<b>Scranton-Wilkes-Barre- Hazleton, PA MSA</b> . . . . .	641	<b>Syracuse, NY MSA</b> . . . . .	749
Saginaw County . . . . .	212	Columbia County . . . . .	64	Cayuga County . . . . .	83
<b>St. Cloud, MN MSA</b> . . . . .	151	Lackawanna County . . . . .	219	Madison County . . . . .	70
Benton County . . . . .	31	Luzerne County . . . . .	330	Onondaga County . . . . .	473
Stearns County . . . . .	120	Wyoming County . . . . .	28	Oswego County . . . . .	123
<b>St. Joseph, MO MSA</b> . . . . .	98	<b>Seattle-Bellevue-Everett, WA PMSA</b> . . . . .	2,078	<b>Tacoma, WA PMSA</b> . . . . .	605
Andrew County . . . . .	15	Island County . . . . .	63	Pierce County . . . . .	605
Buchanan County . . . . .	83	King County . . . . .	1,532	<b>Tallahassee, FL MSA</b> . . . . .	240
<b>St. Louis, MO-IL MSA</b> . . . . .	2,507	Snohomish County . . . . .	482	Gadsden County . . . . .	42
Franklin County, MO . . . . .	82	<b>Seattle-Tacoma-Bremerton, WA CMSA</b> . . . . .	3,054	Leon County . . . . .	199
Jefferson County, MO . . . . .	175	Bremerton, WA PMSA . . . . .	201	<b>Tampa-St. Petersburg- Clearwater, FL MSA</b> . . . . .	2,101
Lincoln County, MO . . . . .	30	Olympia, WA PMSA . . . . .	170	Hernando County . . . . .	106
St. Charles County, MO . . . . .	219	Seattle-Bellevue-Everett, WA PMSA . . . . .	2,078	Hillsborough County . . . . .	846
St. Louis County, MO . . . . .	997	Tacoma, WA PMSA . . . . .	605	Pasco County . . . . .	286
Warren County, MO . . . . .	20	<b>Sharon, PA MSA</b> . . . . .	122	Pinellas County . . . . .	863
St. Louis city, MO . . . . .	392	Mercer County . . . . .	122	<b>Terre Haute, IN MSA</b> . . . . .	149
Clinton County, IL . . . . .	34	<b>Sheboygan, WI MSA</b> . . . . .	104	Clay County . . . . .	25
Jersey County, IL . . . . .	21	Sheboygan County . . . . .	104	Vermillion County . . . . .	17
Madison County, IL . . . . .	252	<b>Sherman-Denison, TX MSA</b> . . . . .	96	Vigo County . . . . .	107
Monroe County, IL . . . . .	23	Grayson County . . . . .	96	<b>Texarkana, TX-TEXARKANA, AR MSA</b> . . . . .	120
St. Clair County, IL . . . . .	263	<b>Shreveport-Bossier City, LA MSA</b> . . . . .	374	Bowie County, TX . . . . .	82
<b>Salem, OR PMSA</b> . . . . .	287	Bossier Parish . . . . .	88	Miller County, AR . . . . .	39
Marion County . . . . .	236	Caddo Parish . . . . .	246	<b>Toledo, OH MSA</b> . . . . .	614
Polk County . . . . .	51	Webster Parish . . . . .	42	Fulton County . . . . .	39
<b>Salinas, CA MSA</b> . . . . .	363	<b>Shreveport-Bossier City, LA MSA</b> . . . . .	374	Lucas County . . . . .	462
Monterey County . . . . .	363	Bossier Parish . . . . .	88	Wood County . . . . .	114
<b>Salt Lake City-Ogden, UT MSA</b> . . . . .	1,103	Caddo Parish . . . . .	246	<b>Topeka, KS MSA</b> . . . . .	163
Davis County . . . . .	194	Webster Parish . . . . .	42	Shawnee County . . . . .	163
Salt Lake County . . . . .	747	<b>Shreveport-Bossier City, LA MSA</b> . . . . .	374	<b>Trenton, NJ PMSA</b> . . . . .	327
Weber County . . . . .	162	Bossier Parish . . . . .	88	Mercer County . . . . .	327
<b>San Angelo, TX MSA</b> . . . . .	99	Caddo Parish . . . . .	246		
Tom Green County . . . . .	99	Webster Parish . . . . .	42		
<b>San Antonio, TX MSA</b> . . . . .	1,348				
Bexar County . . . . .	1,206				
Comal County . . . . .	53				
Guadalupe County . . . . .	66				
Wilson County . . . . .	23				



	1991 Popu- lation (1,000)		1991 Popu- lation (1,000)		1991 Popu- lation (1,000)
<b>Tucson, AZ MSA</b> .....	677	Charles County, MD .....	104	<b>Wheeling, WV-OH MSA</b> .....	158
Pima County .....	677	Frederick County, MD .....	155	Marshall County, WV .....	37
<b>Tulsa, OK MSA</b> .....	723	Montgomery County, MD .....	768	Ohio County, WV .....	50
Creek County .....	62	Prince George's County, MD .....	743	Belmont County, OH .....	71
Osage County .....	42	Arlington County, VA .....	172	<b>Wichita, KS MSA</b> .....	493
Rogers County .....	57	Clarke County, VA .....	12	Butler County .....	52
Tulsa County .....	514	Culpeper County, VA .....	29	Harvey County .....	31
Wagoner County .....	49	Fairfax County, VA .....	834	Sedgwick County .....	410
<b>Tuscaloosa, AL MSA</b> .....	154	Fauquier County, VA .....	50	<b>Wichita Falls, TX MSA</b> .....	130
Tuscaloosa County .....	154	King George County, VA .....	14	Archer County .....	8
<b>Tyler, TX MSA</b> .....	154	Loudoun County, VA .....	89	Wichita County .....	122
Smith County .....	154	Prince William County, VA .....	221	<b>Williamsport, PA MSA</b> .....	120
<b>Utica-Rome, NY MSA</b> .....	316	Spotsylvania County, VA .....	59	Lycoming County .....	120
Herkimer County .....	66	Stafford County, VA .....	66	<b>Wilmington, NC MSA</b> .....	125
Oneida County .....	252	Warren County, VA .....	27	New Hanover County .....	125
<b>Vallejo-Fairfield-Napa, CA PMSA</b> .....	466	Alexandria city, VA .....	113	<b>Wilmington-Newark, DE-MD PMSA</b> .....	522
Napa County .....	112	Fairfax city, VA .....	20	New Castle County, DE .....	449
Solano County .....	354	Falls Church city, VA .....	10	Cecil County, MD .....	73
<b>Vallejo-Fairfield-Napa, CA PMSA</b> .....	466	Fredericksburg city, VA .....	20	<b>Yakima, WA MSA</b> .....	194
Ventura, CA PMSA .....	677	Manassas city, VA .....	29	Yakima County .....	194
Ventura County .....	677	Manassas Park city, VA .....	7	<b>Yolo, CA PMSA</b> .....	144
<b>Victoria, TX MSA</b> .....	76	Berkeley County, WV .....	61	Yolo County .....	144
Victoria County .....	76	Jefferson County, WV .....	37	<b>York, PA MSA</b> .....	346
<b>Vineland-Millville-Bridgeton, NJ PMSA</b> .....	139	<b>Washington-Baltimore, DC-MD- VA-WV CMSA</b> .....	6,830	York County .....	346
Cumberland County .....	139	Baltimore, MD PMSA .....	2,414	<b>Youngstown-Warren, OH MSA</b> .....	603
<b>Visalia-Tulare-Porterville, CA MSA</b> .....	323	Hagerstown, MD PMSA .....	123	Columbiana County .....	109
Tulare County .....	323	Washington, DC-MD-VA-WV PMSA .....	4,293	Mahoning County .....	265
<b>Waco, TX MSA</b> .....	191	<b>Waterbury, CT MSA</b> .....	207	Trumbull County .....	229
McLennan County .....	191	Litchfield County (pt.) .....	39	<b>Yuba City, CA MSA</b> .....	127
<b>Washington, DC-MD-VA-WV PMSA</b> .....	4,293	New Haven County (pt.) .....	168	Sutter County .....	67
District of Columbia .....	598	<b>Waterloo-Cedar Falls, IA MSA</b> .....	125	Yuba County .....	59
Calvert County, MD .....	55	Black Hawk County .....	125	<b>Yuma, AZ MSA</b> .....	111
		<b>Wausau, WI MSA</b> .....	117	Yuma County .....	111
		Marathon County .....	117		
		<b>West Palm Beach-Boca Raton, FL MSA</b> .....	887		
		Palm Beach County .....	887		

# Statistical Methodology and Reliability

**Introduction.**—The data presented in this *Statistical Abstract* came from many sources. The sources include not only Federal statistical bureaus and other organizations that collect and issue statistics as their principal activity, but also governmental administrative and regulatory agencies, private research bodies, trade associations, insurance companies, health associations, and private organizations such as the National Education Association and philanthropic foundations. Consequently, the data vary considerably as to reference periods, definitions of terms and, for ongoing series, the number and frequency of time periods for which data are available.

The statistics presented were obtained and tabulated by various means. Some statistics are based on complete enumerations or censuses while others are based on samples. Some information is extracted from records kept for administrative or regulatory purposes (school enrollment, hospital records, securities registration, financial accounts, social security records, income tax returns, etc.), while other information is obtained explicitly for statistical purposes through interviews or by mail. The estimation procedures used vary from highly sophisticated scientific techniques, to crude "informed guesses."

Each set of data relates to a group of individuals or units of interest referred to as the *target universe* or *target population*, or simply as the *universe* or *population*. Prior to data collection the target universe should be clearly defined. For example, if data are to be collected for the universe of households in the United States, it is necessary to define a "household." The target universe may not be completely tractable. Cost and other considerations may restrict data collection to a *survey universe* of households on some available list, such list being inaccurate, out of date, defining "household" slightly differently, etc. This list is called a *survey frame* or *sampling frame*.

The data in many tables are based on data obtained for all population units, a *census*, or on data obtained for only a portion, or *sample*, of the population units. When the data presented are based on a sample, the sample is usually a scientifically selected *probability sample*. This is a sample selected from a list or sampling frame in such a way that every possible sample has a known chance of selection and usually each unit selected can be assigned a number, between zero and one, representing its likelihood or probability of selection.

For large-scale sample surveys, the probability sample of units is often selected as a multistage sample. The first stage of a multistage sample is the selection of a probability sample of large groups of population members, referred to as primary sampling units (PSU's). For example, in a national multistage household sample, PSU's are often counties or groups of counties. The second stage of a multistage sample is the selection, within each PSU selected at the first stage, of smaller groups of population units, referred to as secondary sampling units. In subsequent stages of selection, smaller and smaller nested groups are chosen until the ultimate sample of population units is obtained. To qualify a multistage sample as a probability sample, all stages of sampling must be carried out using probability sampling methods.

Prior to selection at each stage of a multistage (or a single stage) sample, a list of the sampling units or sampling frame for that stage must be obtained. For example, for the first stage of selection of a national household sample, a list of the counties and county groups that form the PSU's must be obtained. For the final stage of selection, lists of households, and sometimes persons within the households, have to be compiled in the field. For surveys of economic entities and for the economic census, the Census Bureau generally uses a frame constructed from the Bureau's Standard Statistical Establishment List (SSEL). The SSEL contains

all establishments with payroll in the United States including small single establishment firms as well as large multi-establishment firms.

Wherever the quantities in a table refer to an entire universe, but are constructed from data collected in a sample survey, the table quantities are referred to as *sample estimates*. In constructing a sample estimate, an attempt is made to come as close as is feasible to the corresponding universe quantity that would be obtained from a complete census of the universe. Estimates based on a sample will, however, generally differ from the hypothetical census figures. Two classifications of errors are associated with estimates based on sample surveys: (1) *sampling error*—the error arising from the use of a sample, rather than a census, to estimate population quantities and (2) *nonsampling error*—those errors arising from nonsampling sources. As discussed below, the magnitude of the sampling error for an estimate can usually be estimated from the sample data. However, the magnitude of the nonsampling error for an estimate can rarely be estimated. Consequently, actual error in an estimate exceeds the estimated error in the estimate.

The particular sample used in a survey is only one of a large number of possible samples of the same size which could have been selected using the same sampling procedure. Estimates derived from the different samples would, in general, differ from each other. The *standard error* (SE) is a measure of the variation among the estimates derived from all possible samples. The standard error is the most commonly used measure of the sampling error of an estimate. Valid estimates of the standard errors of survey estimates can usually be calculated from the data collected in a probability sample. For convenience, the standard error is sometimes expressed as a percent of the estimate and is called the *relative standard error* or *coefficient of variation* (CV). For example, an estimate of 200 units with an estimated standard error of 10 units has an estimated CV of 5 percent.

A sample estimate and an estimate of its standard error or CV can be used to construct interval estimates that have a prescribed confidence that the interval includes the average of the estimates

derived from all possible samples with a known probability. To illustrate, if all possible samples were selected under essentially the same general conditions, and using the same sample design, and if an estimate and its estimated standard error were calculated from each sample, then:

- 1) Approximately 68% of the intervals from one standard error below the estimate to one standard error above the estimate would include the average estimate derived from all possible samples;
- 2) approximately 90% of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average estimate derived from all possible samples;
- and 3) approximately 95% of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average estimate derived from all possible samples.

Thus, for a particular sample, one can say with the appropriate level of confidence (e.g., 90% or 95%) that the average of all possible samples is included in the constructed interval. Example of a confidence interval: An estimate is 200 units with a standard error of 10 units. An approximately 90% confidence interval (plus or minus 1.6 standard errors) is from 184 to 216.

All surveys and censuses are subject to nonsampling errors. Nonsampling errors are two kinds—*random* and *nonrandom*. Random nonsampling errors arise because of the varying interpretation of questions (by respondents or interviewers) and varying actions of coders, keyers, and other processors. Some randomness is also introduced when respondents must estimate values. These same errors usually have a nonrandom component. Nonrandom nonsampling errors result from total nonresponse (no usable data obtained for a sampled unit), partial or item nonresponse (only a portion of a response may be usable), inability or unwillingness on the part of respondents to provide correct information, difficulty interpreting questions, mistakes in recording or keying data, errors of collection or processing, and coverage problems (overcoverage and undercoverage of the target universe). Random nonresponse errors usually, but not always, result in an understatement of sampling errors and thus an

overstatement of the precision of survey estimates. Estimating the magnitude of nonsampling errors would require special experiments or access to independent data and, consequently, the magnitudes are seldom available.

Nearly all types of nonsampling errors that affect surveys also occur in complete censuses. Since surveys can be conducted on a smaller scale than censuses, nonsampling errors can presumably be controlled more tightly. Relatively more funds and effort can perhaps be expended toward eliciting responses, detecting and correcting response error, and reducing processing errors. As a result, survey results can sometimes be more accurate than census results.

To compensate for suspected nonrandom errors, adjustments of the sample estimates are often made. For example, adjustments are frequently made for nonresponse, both total and partial. Adjustments made for either type of nonresponse are often referred to as *imputations*. Imputation for total nonresponse is usually made by substituting for the questionnaire responses of the nonrespondents the "average" questionnaire responses of the respondents. These imputations usually are made separately within various groups of sample members, formed by attempting to place respondents and nonrespondents together that have "similar" survey characteristics. Imputation for item nonresponse is usually made by substituting for a missing item the response to that item of a respondent having characteristics that are "similar" to those of the nonrespondent.

For an estimate calculated from a sample survey, the *total error* in the estimate is composed of the sampling error, which can usually be estimated from the sample, and the nonsampling error, which usually cannot be estimated from the sample. The total error present in a population quantity obtained from a complete census is composed of only nonsampling errors. Ideally, estimates of the total error associated with data given in the *Statistical Abstract* tables should be given. However, due to the unavailability of estimates of nonsampling errors, only estimates of the levels of sampling errors, in terms of estimated standard errors or coefficients of

variation, are available. To obtain estimates of the estimated standard errors from the sample of interest, obtain a copy of the referenced report which appears at the end of each table.

**Principal data bases.**—Beginning below are brief descriptions of 35 of the sample surveys and censuses that provide a substantial portion of the data contained in this *Abstract*.

## SECTION 1. POPULATION

**Source and Title:** Bureau of the Census, *Census of Population*

**Tables:** See tables citing *Census of Population* in section 1 and also in sections 2, 4, 6, 8, 13, 14, 26, 21, and 30.

### **Universe, Frequency, and Types of Data:**

Complete count of U.S. population conducted every 10 years since 1790. Data obtained on number and characteristics of inhabitants.

### **Type of Data Collection Operation:**

In 1970, 1980, and 1990 complete census for some items—age, sex, race, marital status, and relationship to household head. In 1970, other items collected from a 5% and a 15% probability (systematic) sample of the population. In 1980, approximately 19% of the housing units were included in the sample; in 1990, approximately 17%.

### **Data Collection and Imputation Procedures:**

In 1970, extensive use of mail questionnaires in urban areas; personal interviews in most rural areas. In 1980 and 1990, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Extensive telephone and personal followup for nonrespondents was done in the censuses. Imputations were made for missing characteristics.

**Estimates of Sampling Error:** Sampling errors for data are estimated for all items collected by sample and vary by characteristic and geographic area. The CV's for national and State estimates are generally very small.

**Other (nonsampling) Errors:** Since 1950, evaluation programs have been conducted to provide information on the magnitude of some sources of nonsampling errors such as response bias and undercoverage in each census. Results from the evaluation program for the 1990 census indicate that the net under coverage amounted to about 1.5 to 2 percent of the total resident population.

**Sources of Additional Material:** U.S. Bureau of the Census, *The Coverage of Population in the 1980 Census*, PHC80-E4; *Content Reinterview Study: Accuracy of Data for Selected Population and Housing Characteristics as Measured by Reinterview*, PHC80-E2; *1980 Census of Population*, vol. 1., (PC80-1), appendixes B, C, and D.

**Source and Title:** U.S. Bureau of the Census, *Current Population Survey (CPS)*

**Tables:** See tables citing *Current Population Reports* primarily in section 1, but also in sections 2, 3, 4, 8, 12, 13, 14, 18, 23, and 30. Many Bureau of Labor Statistics' (BLS) tables in section 13 are CPS based.

**Universe, Frequency, and Types of Data:** Nationwide monthly sample survey of civilian noninstitutional population, 15 years old or over, to obtain data on employment, unemployment, and a number of other characteristics.

**Type of Data Collection Operation:** Multistage probability sample of about 60,000 households in 729 PSU's in 1989. Oversampling in some States and the largest MSA's to improve reliability for those areas of employment data on annual average basis. A continual sample rotation system is used. Households are in sample 4 months, out for 8 months, and in for 4 more. Month-to-month overlap is 75%; year-to-year overlap is 50%.

**Data Collection and Imputation Procedures:** For first and fifth months that a household is in sample, personal interviews; other months, approximately, 85% of the data collected by phone. Imputation is done for both item and total nonresponse. Adjustment for total nonresponse is done by a predefined cluster of units, by MSA size and residence; for item nonresponse imputation varies by subject matter.

**Estimates of Sampling Error:** Estimated CV's on national annual averages for labor force, total employment, and nonagricultural employment, 0.2%; for total unemployment and agricultural employment, 1.0% to 2.5%. The estimated CV's for family income and poverty rate for all persons in 1986 are 0.5% and 1.5%, respectively. CV's for subnational areas, such as States, would be larger and would vary by area.

**Other (nonsampling) Errors:** Estimates of response bias on unemployment are not available, but estimates of unemployment are usually 5% to 9% lower than estimates from reinterviews. Four to 5.0% of sample households unavailable for interviews.

**Sources of Additional Material:** U.S. Bureau of the Census and Bureau of Labor Statistics, *Concepts and Methods Used in*

*Labor Force Statistics from Current Population Survey* (Census series P-23, No. 62; BLS Report No. 463) and Bureau of the Census, *Current Population Survey* (Tech. Paper 40) and Bureau of Labor Statistics, *Employment and Earnings*, monthly, Explanatory Notes, table 1-A through 1-H and *BLS Handbook of Methods*, Chapter 1 (Bulletin 2414.)

## SECTION 2. VITAL STATISTICS

**Source and Title:** U.S. National Center for Health Statistics (NCHS), *Vital Registration System*

**Tables:** See tables citing *Vital Statistics of the United States*; 305 in section 5; and 1360 in section 30.

**Universe, Frequency, and Types of Data:** Annual data on births and deaths in the United States.

**Type of Data Collection Operation:** Mortality data based on complete file of death records, except 1972, based on 50% sample. Natality statistics 1951-71, based on 50% sample of birth certificates, except a 20% to 50% in 1967, received by NCHS. Beginning 1972, data from some States received through Vital Statistics Cooperative Program (VSCP) and complete file used; data from other States based on 50% sample. Beginning 1986, all reporting areas participated in the VSCP.

**Data Collection and Imputation Procedures:** Reports based on records from registration offices of all States, District of Columbia, New York City, Puerto Rico, Virgin Islands, and Guam.

**Estimates of Sampling Error:** For recent years, CV's for births are small due to large portion of total file in sample (except for very small estimated totals).

**Other (nonsampling) Errors:** Data on births and deaths believed to be at least 99% complete.

**Sources of Additional Material:** U.S. National Center for Health Statistics, *Vital Statistics of the United States*, vol. I and vol. II, annual, and *Monthly Vital Statistics Reports*. (See section 1 above for information pertaining to tables 103-108.)

## SECTION 3. HEALTH AND NUTRITION

**Source and Title:** U.S. National Center for Health Statistics, *National Health Interview Survey (NHIS)*

**Tables:** 169, 174, 175, 196, 199, 200, 205, 206, 210, and 212-215.

**Universe, Frequency, and Types of Data:** Continuous data collection covering the civilian noninstitutional population to obtain

information on personal and demographic characteristics, illnesses, injuries, impairments, and other health topics.

**Type of Data Collection Operation:** Multi-stage probability sample of 42,000 households (in 376 PSU's) selected in groups of about four adjacent households.

**Data Collection and Imputation Procedures:** Personal household interviews with extensive followup of nonrespondents. Data are adjusted for nonresponse by imputation procedure based on "average" characteristics of persons in interviewed households in the same geographic area.

**Estimates of Sampling Error:** Estimated CV's: For physician visits by males, 1.5%; for workdays lost by males, 3.5%; for persons injured at home, 4.7%.

**Other (nonsampling) Errors:** Response rate was 95.7% in 1985 for the NHIS.

**Sources of Additional Material:** U.S. National Center for Health Statistics, "Current Estimates from the National Health Interview Survey, U.S., 1983," Vital and Health Statistics, series 10.

(See section 13 for information pertaining to table 170 and section 15 for table 163.)

#### SECTION 4. EDUCATION

**Source and Title:** U.S. Department of Education, National Center for Education Statistics, *Higher Education General Information Survey (HEGIS), Fall Enrollment in Institutions of Higher Education*; beginning 1986, *Integrated Postsecondary Education Data Survey (IPEDS), Fall Enrollment*

**Tables:** 271, and 273-276.

**Universe, Frequency, and Types of Data:** Annual survey of all institutions and branches listed in the *Directory* to obtain data on total enrollment by sex, level of enrollment, type of program, racial/ethnic characteristics (in alternate years) and attendance status of student, and on first-time students.

**Type of Data Collection Operation:** Complete census.

**Data Collection and Imputation Procedures:** Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data of similar institutions.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Approximately 82% response rate.

**Sources of Additional Material:** U.S. Department of Education, National Center for Education Statistics, *Fall Enrollment in Higher Education*, annual.

**Source and Title:** U.S. Department of Education, National Center for Education Statistics, *Higher Education General Information Survey (HEGIS), Financial Statistics of Institutions of Higher Education*; beginning 1986, *Integrated Postsecondary Education Data Survey (IPEDS), Financial Statistics of Institutions of Higher Education*

**Tables:** 222, 225, 274, and 278.

**Universe, Frequency, and Types of Data:**

Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on financial status and operations, including current funds revenues, current funds expenditures, and physical plant assets.

**Type of Data Collection Operation:** Complete census.

**Data Collection and Imputation Procedures:** Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data of similar institutions.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** For 1990, a 87% response rate. Imputed expenditures amounted to about 2.8% of total expenditures.

**Sources of Additional Material:** U.S. Department of Education, National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education*, annual.

**Source and Title:** U.S. Department of Education, National Center for Education Statistics, *Higher Education General Information Survey (HEGIS), Degrees and Other Formal Awards Conferred*. Beginning 1986, *Integrated Postsecondary Education Data Survey (IPEDS), Degrees and Other Formal Awards Conferred*.

**Tables:** 291-295.

**Universe, Frequency, and Types of Data:**

Annual survey of all institutions and branches listed in the *Education Directory, Colleges and Universities* to obtain data on earned degrees and other formal awards, conferred by field of study, level of degree, sex, and by racial/ethnic characteristics (in alternate years).

**Type of Data Collection Operation:** Complete census.

**Data Collection and Imputation Procedures:** Survey package is usually mailed in the spring with surveys due at varying dates in the summer and fall; mail and phone followup procedures for nonrespondents. Missing data are imputed by using data of similar institutions.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** For 1989-90, approximately 92.3% response rate.

**Sources of Additional Material:** U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, annual.

(See sections 1 and 9 for information pertaining to the Bureau of the Census and section 3 above for the National Center for Health Statistics.)

## SECTION 5. LAW ENFORCEMENT, COURTS, AND PRISONS

**Source and Title:** U.S. Federal Bureau of Investigation, *Uniform Crime Reporting (UCR) Program*

**Tables:** 300-304, 306, 307, 313, 314, and 316.

**Universe, Frequency, and Types of Data:** Monthly reports on the number of criminal offenses that become known to law enforcement agencies. Data are collected on crimes cleared by arrest, by age, sex, and race of offender, and on assaults on law enforcement officers.

**Type of Data Collection Operation:** Crime statistics are based on reports of crime data submitted either directly to the FBI by contributing law enforcement agencies or through cooperating State UCR programs.

**Data Collection and Imputation Procedures:** States with UCR programs collect data directly from individual law enforcement agencies and forward reports, prepared in accordance with UCR standards, to FBI. Accuracy and consistency edits are performed by FBI.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Coverage of 96% of the population (98% in SMSA's, 93% in "other cities," and 89% in rural areas) by UCR program, though varying number of agencies report. Some error may be present through incorrect reporting.

**Sources of Additional Material:** U.S. Federal Bureau of Investigation, *Crime in the United States*.

**Source and Title:** U.S. Bureau of Justice Statistics (BJS), *National Crime Survey*

**Tables:** 308-312.

**Universe, Frequency, and Types of Data:** Monthly survey of individuals and households in the United States to obtain data on criminal victimization of those units for compilation of annual estimates.

**Type of Data Collection Operation:** National probability sample survey of about 50,000 interviewed households in 376 PSU's selected from a list of addresses

from the 1980 census, supplemented by new construction permits and an area sample where permits are not required.

**Data Collection and Imputation Procedures:** Interviews are conducted every 6 months for 3 years for each household in the sample; 8,000 households are interviewed monthly. Personal interviews are used in the first and fifth interviews; the intervening interviews are conducted by telephone whenever possible.

**Estimates of Sampling Error:** CV's in 1985: 2.2% for crimes of violence; 14.8% for estimate of rape counts; 5.5% for robbery counts; 2.5% for assault counts; 1.4% for personal larceny counts; 2.2% for burglary counts; 1.8% for household larceny; 1.3% for all household crimes; and 4.8% for motor vehicle theft counts.

**Other (nonsampling) Errors:** Respondent recall errors which may include reporting incidents for other than the reference period; interviewer coding and processing errors; and possible mistaken reporting or classifying of events. Adjustment is made for a household noninterview rate of about 4% and for a smaller within-household noninterview rate.

**Sources of Additional Material:** U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

(See section 2 for details on table 305 and section 9 for details on table 325.)

## SECTION 8. ELECTIONS

(See section 1 above for information pertaining to tables 434, 453, and 454.)

## SECTION 9. STATE AND LOCAL GOVERNMENT FINANCES AND EMPLOYMENT

**Source and Title:** U.S. Bureau of the Census, *Census of Governments*

**Tables:** See tables in section 9 citing *Census of Governments*.

**Universe, Frequency, and Types of Data:** Survey of all governmental units in the United States conducted every 5 years to obtain data on government revenue, expenditures, debt, assets, employment and employee retirement systems, property values, public school systems, and number, size, and structure of governments.

**Type of Data Collection Operation:** Complete census. List of units derived through classification of government units recently authorized in each State and identification, counting, and classification of existing local governments and public school systems.

**Data Collection and Imputation Procedures:** Data collected through field and office compilation of financial data from official records and reports for States and

large local governments; mail canvass of selected data items, like State tax revenue and employee retirement systems; and collection of local government statistics through central collection arrangements with State governments.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Some non-sampling errors may arise due to possible inaccuracies in classification, response, and processing.

**Sources of Additional Material:** U.S. Bureau of the Census, *Census of Governments, 1987*, various reports, and *State Government Finances in 1990*, GF 90, No. 3.

**Source and Title:** U.S. Bureau of the Census, *Annual Surveys of State and Local Government*

**Tables:** See tables citing *Public Employment* and *Governmental Finances* in section 9; table 250 in section 4; table 325 in section 5; and table 594 in section 12.

**Universe, Frequency, and Types of Data:** Sample survey conducted annually to obtain data on revenue, expenditure, debt, and employment of State and local governments. Universe is all governmental units in the United States (about 83,000).

**Type of Data Collection Operation:** Sample of about 22,000 units includes all State governments, county governments with 50,000+ population, municipalities and townships with 25,000+ population, all school districts with 10,000+ enrollment in October 1986, and other governments meeting certain criteria; probability sample for remaining units.

**Data Collection and Imputation Procedures:** Field and office compilation of data from official records and reports for States and large local governments; central collection of local governmental financial data through cooperative agreements with a number of State governments; mail canvass of other units with mail and telephone followups of nonrespondents. Data for nonresponses are imputed from previous year data or obtained from secondary sources, if available.

**Estimates of Sampling Error:** CV's for estimates of major employment and financial items are generally less than 2% for most States and less than 1.2% for the majority of States.

**Other (nonsampling) Errors:** Nonresponse rate is less than 15% for number of units. Other possible errors may result from undetected inaccuracies in classification, response, and processing.

**Sources of Additional Material:** U.S. Bureau of the Census, *Public Employment in 1990*, GE 90, No. 1, *Governmental Finances in 1989-90*, GF 90, No. 5, and *Census of Governments, 1987*, various reports.

## SECTION 10. FEDERAL GOVERNMENT

**Source and Title:** U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*

**Tables:** 525-529.

**Universe, Frequency, and Types of Data:**

Annual study of unaudited individual income tax returns, forms 1040, 1040A, and 1040EZ, filed by U.S. citizens and residents. Data provided on various financial characteristics by size of adjusted gross income, marital status, and by taxable and nontaxable returns. Data by State, based on 100% file, also include returns from 1040NR, filed by nonresident aliens plus certain self-employment tax returns.

**Type of Data Collection Operation:** Annual stratified probability sample of approximately 125,000 returns broken into sample strata based on the larger of total income or total loss amounts as well as the size of business plus farm receipts. Sampling rates for sample strata varied from .025% to 100%.

**Data Collection and Imputation Procedures:** Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.

**Estimates of Sampling Error:** Estimated CV's for tax year 1987: Adjusted gross income less deficit .13%; salaries and wages .20%; and tax-exempt interest received 4.51%. (State data not subject to sampling error.)

**Other (nonsampling) Errors:** Processing errors and errors arising from the use of tolerance checks for the data.

**Sources of Additional Material:** U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

## SECTION 12. SOCIAL INSURANCE AND HUMAN SERVICES

**Source and Title:** U.S. Social Security Administration, *Benefit Data*

**Tables:** 589 and 590.

**Universe, Frequency, and Types of Data:**

All persons receiving monthly benefits under Title 11 of Social Security Act. Data on number and amount of benefits paid by type and State.

**Type of Data Collection Operation:** Data based on administrative records. Data based on 100% files, as well as 10% and 1% sample files.



**Data Collection and Imputation Procedures:** Records used consist of actions pursuant to applications for benefits, updated by subsequent post-entitlement actions.

**Estimates of Sampling Error:** Varies by size of estimate and sample file size.

**Other (nonsampling) Errors:** Processing errors, which are believed to be small.

**Sources of Additional Material:** U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*.

**Source and Title:** U.S. Social Security Administration, *Supplemental Security Income (SSI) Program*

**Tables:** 604-607.

**Universe, Frequency, and Types of Data:**

All eligible aged, blind, or disabled persons receiving SSI benefit payments under SSI program. Data include number of persons receiving federally administered SSI, amounts paid, and State administered supplementation.

**Type of Data Collection Operation:** Data based on administrative records.

**Data Collection and Imputation Procedures:** Data adjusted to reflect returned checks and overpayment refunds. For federally administered payments, actual adjusted amounts are used.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Processing errors, which are believed to be small.

**Sources of Additional Material:** U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*.

(See section 1 above for information pertaining to the Current Population Survey, section 3 for information pertaining to the National Center for Health Statistics, and section 9 for information pertaining to Annual Surveys of State and Local Government.)

#### SECTION 13. LABOR FORCE, EMPLOYMENT, AND EARNINGS

**Source and Title:** U.S. Bureau of Labor Statistics (BLS), *Current Employment Statistics (CES) Program*

**Tables:** 660-662, 667; in section 3, table 170; in section 21, table 1003; in section 22, table 1069; and in section 24, table 1152.

**Universe, Frequency, and Types of Data:**

Monthly survey covering about 5 million nonagricultural establishments to obtain data on employment, hours, and earnings, by industry.

**Type of Data Collection Operation:** Sample survey of over 350,000 establishments in March 1990.

**Data Collection and Imputation Procedures:** Cooperating State agencies mail questionnaires to sample establishments to develop State and local estimates; information is forwarded to BLS where national estimates are prepared.

**Estimates of Sampling Error:** Estimated CV's for average weekly hours paid, 0.1% and for average hourly earnings, 0.2%.

**Other (nonsampling) Errors:** Estimates of employment adjusted annually to reflect complete universe. Average adjustment is 0.2%.

**Sources of Additional Material:** U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, Explanatory Notes, tables 2-A through 2-F and *BLS Handbook of Methods*, Chapter 2, Bulletin 2414 (Sept. 1992).

(See section 1 above for information pertaining to the Current Population Survey.)

#### SECTION 14. INCOME, EXPENDITURES, AND WEALTH

**Source and Title:** Board of Governors of the Federal Reserve System, *Survey of Consumer Finances*

**Tables:** 751-753, and in section 16, 788-791.

**Universe, Frequency, and Types of Data:**

Periodic sample survey of families. In this survey a given household is divided into a primary economic unit and other economic units. The primary economic unit, which may be a single individual, is generally chosen as the unit that contains the person who either holds the title to the home or is the first person listed on the lease. The primary unit is used as the reference family. The survey collects detailed data on the composition of family balance sheets, the terms of loans, and relationships with financial institutions. It also gathered information on the employment history and pension rights of the survey respondent and the spouse or partner of the respondent.

**Type of Data Collection Operation:** The survey employs a two-part strategy for sampling families. Some families were selected by standard multistage area-probability sampling methods from the forty-eight contiguous states. The remaining families in the survey were selected using tax data under the strict rules governing confidentiality and the rights of potential respondents to refuse participation.

**Data Collection and Imputation Procedures:** The Survey Research Center at the University of Michigan collected the 1989 survey data between August 1989 and March 1990. Adjustments for nonresponse

errors are made through systematic imputation of unanswered questions and through weighting adjustments based on data used in the sample design for families that refused participation.

**Estimates of Sampling Error:** Because of the complex design of the survey, the estimation of potential sampling errors is not straightforward.

**Other (nonsampling) Errors:** The achieved sample of 3,143 families represents a response rate of about 69 percent in the area-probability sample and a rate of about 34 percent in the tax-data sample. Proper training of interviewers and careful design of questionnaires were used to control inaccurate survey responses.

**Sources of Additional Material:** Board of Governors of the Federal Reserve System, "Changes in Family Finances from 1983 to 1989: Evidence from the Survey of Consumer Finances", *Federal Reserve Bulletin*, January 1992.

(See section 1 above for information pertaining to the Bureau of the Census.)

## SECTION 15. PRICES

**Source and Title:** U.S. Bureau of Labor Statistics (BLS), *Consumer Price Index (CPI)*

**Tables:** 755-761, 777, 778, and in section 3, table 163.

**Universe, Frequency, and Types of Data:** Monthly survey of price changes of all types of consumer goods and services purchased by urban wage earners and clerical workers prior to 1978, and urban consumers thereafter. Both indexes continue to be published.

**Type of Data Collection Operation:** Prior to 1978, sample of various consumer items in 56 urban areas; thereafter, in 85 PSU's, except from January 1987 through March 1988, when 91 areas were sampled.

**Data Collection and Imputation Procedures:** Prices of consumer items are obtained from about 57,000 housing units, and 19,000 other reporters in 85 areas. Prices of food, fuel, and a few other items are obtained monthly; prices of most other commodities and services are collected every month in the five largest geographic areas and every other month in others.

**Estimates of Sampling Error:** Estimates of standard errors are not available at present.

**Other (nonsampling) Errors:** Errors result from inaccurate reporting, difficulties in defining concepts and their operational implementation, and introduction of product quality changes and new products.

**Sources of Additional Material:** U.S. Bureau of Labor Statistics, *The Consumer Price Index: 1987 Revision, Report 736*, and *BLS Handbook of Methods*, Bulletin 2285.

**Source and Title:** U.S. Bureau of Labor Statistics, *Producer Price Index (PPI)*

**Tables:** 755, 764-767, and in section 21, table 1053; in section 24, table 1156; and in section 26, table 1212.

**Universe, Frequency, and Types of Data:** Monthly survey of producing companies to determine price changes of all commodities produced in the United States for sale in commercial transactions. Data on agriculture, forestry, fishing, manufacturing, mining, gas, electricity, public utilities, and a few services.

**Type of Data Collection Operation:** Probability sample of approximately 3,100 commodities and about 75,000 quotations per month.

**Data Collection and Imputation Procedures:** Data are collected by mail. If transaction prices are not supplied, list prices are used. Some prices are obtained from trade publications, organized exchanges, and government agencies. To calculate index, price changes are multiplied by their relative weights based on total net selling value of all commodities in 1982.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Not available at present.

**Sources of Additional Material:** U.S. Bureau of Labor Statistics, *BLS Handbook of Methods*, Bulletin 2285.

## SECTION 16. BANKING, FINANCE, AND INSURANCE

(See section 14 for information pertaining to tables 788-791.)

## SECTION 17. BUSINESS ENTERPRISE

**Source and Title:** U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns and Statistics of Income Bulletin*

**Tables:** 847-850.

**Universe, Frequency, and Types of Data:** Annual study of unaudited income tax returns of nonfarm sole proprietorships, form 1040 with business schedules. Data provided on various financial characteristics by industry.

**Type of Data Collection Operation:** Stratified probability sample of approximately 31,000 sole proprietorships for tax year 1990. The sample is classified based on presence or absence of certain business

schedules; the larger of total income or loss; and size of business plus farm receipts. Sampling rates vary from .043% to 100%.

**Data Collection and Imputation Procedures:** Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return.

**Estimates of Sampling Error:** Estimated CV's for tax year 1990 are not available; for 1987 (the latest available): For sole proprietorships, business receipts, 1.66%; net income, (less loss), 1.33%; depreciation 2.17%; interest expense 2.80%; and employee benefit programs 7.55%.

**Other (nonsampling) Errors:** Processing errors and errors arising from the use of tolerance checks for the data.

**Sources of Additional Material:** U.S. Internal Revenue Service, *Statistics of Income, Sole Proprietorship Returns* (for years through 1980) and *Statistics of Income Bulletin*, vol. 10, No. 1 (summer 1990).

**Source and Title:** U.S. Internal Revenue Service, *Statistics of Income, Partnership Returns and Statistics of Income Bulletin*

**Tables:** 847-849, 851, and 852.

**Universe, Frequency, and Types of Data:** Annual study of unaudited income tax returns of partnerships, Form 1065. Data provided on various financial characteristics by industry.

**Type of Data Collection Operation:** Stratified probability sample of approximately 28,000 partnership returns from a population of 1,660,000 filed during calendar year 1990. The sample is classified based on combinations of gross receipts, net income or loss, and total assets, and on industry. Sampling rates vary from .04% to 100%.

**Data Collection and Imputation Procedures:** Computer selection of sample of tax return records. Data are adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return. Data not available due to regulations are not imputed.

**Estimates of Sampling Error:** Estimated CV's for tax year 1988 (latest available): For number of partnerships, .51%; business receipts, .78%; net income, 3.03%; net loss, 2.21% and total assets, 1.22%.

**Other (nonsampling) Errors:** Processing errors and errors arising from the use of tolerance checks for the data.

**Sources of Additional Material:** U.S. Internal Revenue Service, *Statistics of Income, Partnership Returns and Statistics of Income Bulletin*, vol. 10, No. 1 (summer 1990).

**Source and Title:** U.S. Internal Revenue Service, *Corporation Income Tax Returns*  
**Tables:** 847-849 and 855-857.

**Universe, Frequency, and Types of Data:**

Annual study of unaudited corporation income tax returns, Forms 1120 and 1120 (A, F, L, PC, REIT, RIC, and S), filed by corporations or businesses legally defined as corporations. Data provided on various financial characteristics by industry and size of total assets, and business receipts.

**Type of Data Collection Operation:** Stratified probability sample of approximately 85,000 returns for 1987, distributed by sample classes generally based on type of return, size of total assets, size of net income or deficit, and selected business activity. Sampling rates for sample strata varied from .25% to 100%.

**Data Collection and Imputation Procedures:** Computer selection of sample of tax return records. Data adjusted during editing for incorrect, missing, or inconsistent entries to ensure consistency with other entries on return and to achieve statistical definitions.

**Estimates of Sampling Error:** Estimated CV's for 1988: Number of returns in subgroups ranged from 1.4% with assets under \$100,000, to 0% with assets over \$100 mil.; for amount of net income and amount of income tax, .18%

**Other (nonsampling) Errors:** Processing errors and errors arising from the use of tolerance checks for the data.

**Sources of Additional Material:** U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

## SECTION 18. COMMUNICATIONS

(See section 1 for information pertaining to table 905, and section 27 for table 914.)

## SECTION 19. ENERGY

**Source and Title:** U.S. Energy Information Administration, *Residential Energy Consumption Survey*

**Tables:** 936-938, 968, and table 1244 in section 26.

**Universe, Frequency, and Types of Data:** Triennial survey of households and fuel suppliers. Data are obtained on energy-related household characteristics, housing unit characteristics, use of fuels, and energy consumption and expenditures by fuel type.

**Type of Data Collection Operation:** Probability sample of 7,183 eligible units in 129 PSU's. For responding units, fuel consumption and expenditure data obtained from fuel suppliers to those households.

**Data Collection and Imputation Procedures:** Personal interviews. Extensive followup of nonrespondents including mail questionnaires for some households. Adjustments for nonrespondents were made in weighting for respondents. Most item non-responses were imputed.

**Estimates of Sampling Error:** Estimated CV's for household averages: For consumption, 1.3%; for expenditures, 1.0%; for various fuels, values ranged from 1.4% for electricity to 5.9% for LPG.

**Other (nonsampling) Errors:** Household response rate of 86.7%. Nonconsumption data were mostly imputed for mail respondents (5.2% of eligible units). Usable responses from fuel suppliers for various fuels ranged from 82.8% for electricity to 55.7% for fuel oil.

**Sources of Additional Material:** U.S. Energy Information Administration, *Household Energy Consumption and Expenditures, 1987* and *Housing Characteristics, 1987*.

## SECTION 21. TRANSPORTATION—LAND

(See section 1 for information pertaining to table 1017, section 13 for table 1003, and section 15 for table 1053.)

## SECTION 22. TRANSPORTATION—AIR AND WATER

**Source and Title:** U.S. Bureau of the Census, *Foreign Trade—Export Statistics*

**Tables:** See Bureau of the Census citations for export statistics in source notes in sections 22 and 29 and also tables 1179 and 1180 in section 24; 1194 in section 25; and 1369 in section 30.

**Universe, Frequency, and Types of Data:** The export declarations collected by Customs are processed each month to obtain data on the movement of U.S. merchandise exports to foreign countries. Data obtained include value, quantity, and shipping weight of exports by commodity, country of destination, Customs district of exportation, and mode of transportation.

**Type of Data Collection Operation:** Shipper's Export Declarations are required to be filed for the exportation of merchandise valued over \$1,500. Customs officials collect and transmit the documents to the Bureau of the Census on a flow basis for data compilation. Value data for shipments valued under \$1,501 are estimated, based on established percentages of individual country totals.

**Data Collection and Imputation Procedures:** Statistical copies of Shipper's Export Declarations are received on a daily basis from Customs ports throughout the country and subjected to a monthly processing cycle. They are fully processed to the extent

they reflect items valued over \$1,500. Estimates for shipments valued at \$1,500 or less are made, based on established percentages of individual country totals.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Clerical and complex computer checks intercept most processing errors and minimize otherwise significant reporting errors; other nonsampling errors are caused by undercounting of exports to Canada due to the nonreceipt of some Shipper's Export Declarations.

**Sources of Additional Material:** U.S. Bureau of the Census, *U.S. Merchandise Trade: Exports, General Imports, and Imports for Consumption, SITC, Commodity by Country*, FT 925.

**Source and Title:** U.S. Bureau of the Census, *Foreign Trade—Import Statistics*

**Tables:** See Bureau of the Census citations for import statistics in source notes in sections 22 and 29 and also tables 1179 and 1180 in section 24; 1194 in section 25; and 1369 in section 30.

**Universe, Frequency, and Types of Data:** The import entry documents collected by Customs are processed each month to obtain data on the movement of merchandise imported into the United States. Data obtained include value, quantity, and shipping weight by commodity, country of origin, Customs district of entry, and mode of transportation.

**Type of Data Collection Operation:** Import entry documents are required to be filed for the importation of goods into the United States valued over \$1,000 or for articles which must be reported on formal entries. Customs officials collect and transmit statistical copies of the documents to the Bureau of the Census on a flow basis for data compilation. Estimates for shipments valued under \$1,001 and not reported on formal entries are based on established percentages of individual country totals.

**Data Collection and Imputation Procedures:** Statistical copies of import entry documents, received on a daily basis from Customs ports of entry throughout the country, are subjected to a monthly processing cycle. They are fully processed to the extent they reflect items valued at \$1,001 and over or items which must be reported on formal entries.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Verification of statistical data reporting by Customs officials prior to transmittal and a subsequent

program of clerical and computer checks are utilized to hold nonsampling errors arising from reporting and/or processing errors to a minimum.

**Sources of Additional Material:** U.S. Bureau of the Census, *U.S. Merchandise Trade: Exports, General Imports and Imports for Consumption, SITC, Commodity by Country*, FT 925.

(See section 13 for information pertaining to table 1069.)

## SECTION 23. AGRICULTURE

**Source and Title:** U.S. Department of Agriculture, National Agricultural Statistics Service (NASS), *Basic Area Frame Sample*

**Tables:** See tables citing NASS in source notes in section 23, which pertain to this or the following two surveys.

**Universe, Frequency, and Types of Data:** Two annual area sample surveys of U.S. farm operators: June agricultural survey collects data on planted acreage and livestock inventories; and a February Farm Costs and Returns survey that collects data on total farm production, expenses and specific commodity costs of production.

**Type of Data Collection Operation:** Stratified probability sample of about 16,000 land area units of about 1 sq. mile (range from 0.1 sq. mile in cities to several sq. miles in open grazing areas). Sample includes 60,000 parcels of agricultural land. About 20% of the sample replaced annually.

**Data Collection and Imputation Procedures:** Data collection is by personal enumeration. Imputation is based on enumerator observation or data reported by respondents having similar agricultural characteristics.

**Estimates of Sampling Error:** Estimated CV's range from 1% to 2% for regional estimates to 3% to 6% for State estimates of livestock inventories.

**Other (nonsampling) Errors:** Minimized through rigid quality controls on the collection process and careful review of all reported data.

**Sources of Additional Material:** U.S. Department of Agriculture, SRS, *Scope and Methods of the Statistical Reporting Service*, (name changed to National Agricultural Statistics Service), Miscellaneous Publication No. 1308, September 1983 (revised).

**Source and Title:** U.S. Department of Agriculture, National Agricultural Statistics Service (NASS), *Multiple Frame Surveys*

**Tables:** See tables citing NASS in source notes in section 23, which pertain to this or the following survey.

### Universe, Frequency, and Types of Data:

Surveys of U.S. farm operators to obtain data on major livestock inventories, selected crop acreages and production, grain stocks, and farm labor characteristics; and to obtain farm economic data for price indexing.

**Type of Data Collection Operation:** Primary frame is obtained from general or special purpose lists, supplemented by a probability sample of land areas used to estimate for list incompleteness.

**Data Collection and Imputation Procedures:** Mail, telephone, or personal interviews used for initial data collection. Mail nonrespondent followup by phone and personal interviews. Imputation based on average of respondents.

**Estimates of Sampling Error:** Estimated CV for number of hired farm workers is about 3%. Estimated CV's range from 1% to 2% for regional estimates to 3% to 6% for State estimates of livestock inventories.

**Other (nonsampling) Errors:** In addition to above, replicated sampling procedures used to monitor effects of changes in survey procedures.

**Sources of Additional Material:** U.S. Department of Agriculture, SRS, *Scope and Methods of the Statistical Reporting Service*, (name changed to National Agricultural Statistics Service), Miscellaneous Publication No. 1308, September 1983 (revised).

**Source and Title:** U.S. Department of Agriculture, National Agricultural Statistics Service (NASS), *Objective Yield Surveys*

**Tables:** See tables citing NASS in source notes in section 23, which pertain to this or the preceding survey.

**Universe, Frequency, and Types of Data:** Surveys for data on corn, cotton, potatoes, soybeans, wheat, and rice to forecast and estimate yields.

**Type of Data Collection Operation:** Random location of plots in probability sample of fields. Fields selected in June from Basic Area Frame Sample (see above).

**Data Collection and Imputation Procedures:** Enumerators count and measure plant characteristics in sample fields. Production measured from plots at harvest. Harvest loss measured from post harvest gleanings.

**Estimates of Sampling Error:** CV's for national estimates of production are about 2-3%.

**Other (nonsampling) Errors:** In addition to above, replicated sampling procedures used to monitor effects of changes in survey procedures.

**Sources of Additional Material:** U.S. Department of Agriculture, SRS, *Scope and Methods of the Statistical Reporting Service*, (name changed to National Agricultural Statistics Service), Miscellaneous Publication No. 1308, September 1983 (revised).

(See section 1 above for information pertaining to the Census of Population and Current Population Survey.)

## SECTION 24. FORESTS AND FISHERIES

(See section 13 for information pertaining to table 1152, section 15 for table 1156, and section 22 for tables 1179 and 1180.)

## SECTION 26. CONSTRUCTION AND HOUSING

**Source and Title:** U.S. Bureau of the Census, *Monthly Survey of Construction*

**Tables:** 1221, and 1223-1225.

**Universe, Frequency, and Types of Data:**

Survey conducted monthly of newly constructed housing units (excluding mobile homes). Data are collected on the start, completion, and sale of housing. (Annual figures are aggregates of monthly estimates.)

**Type of Data Collection Operation:** Probability sample of housing units obtained from building permits selected from 17,000 places. For nonpermit places, multistage probability sample of new housing units selected in 169 PSU's. In those areas, all roads are canvassed in selected enumeration districts.

**Data Collection and Imputation Procedures:** Data are obtained by telephone inquiry and field visit.

**Estimates of Sampling Error:** Estimated CV of 3% to 4% for estimates of national totals, but are as high as 20% for estimated totals of more detailed characteristics, such as housing units in multiunit structures.

**Other (nonsampling) Errors:** Response rate is over 90% for most items. Nonsampling errors are attributed to definitional problems, differences in interpretation of questions, incorrect reporting, inability to obtain information about all cases in the sample, and processing errors.

**Sources of Additional Material:** U.S. Bureau of the Census, *Construction Reports*, series C20, *Housing Starts*; C22, *Housing Completions*; and C25, *New One-Family Houses Sold and For Sale*.

**Source and Title:** U.S. Bureau of the Census, *Value of New Construction Put in Place*

**Tables:** 1214-1216.

**Universe, Frequency, and Types of Data:**

Survey conducted monthly on total value of all construction put in place in the current

month, both public and private projects. Construction values include costs of materials and labor, contractors' profits, overhead costs, cost of architectural and engineering work, and miscellaneous project costs. (Annual figures are aggregates of monthly estimates.)

**Type of Data Collection Operation:** Varies by type of activity: Total cost of private one-family houses started each month is distributed into value put in place using fixed patterns of monthly construction progress; using a multistage probability sample, data for private multifamily housing are obtained by mail from owners of multiunit projects. Data for residential additions and alterations are obtained in a quarterly survey measuring expenditures; monthly estimates are interpolated from quarterly data. Estimates of value of private nonhousekeeping, nonresidential buildings, and State and local government construction are obtained by mail from owners (or agents) for a probability sample of projects. Estimates of farm nonresidential construction expenditures are based on U.S. Department of Agriculture annual estimates of construction; public utility estimates are obtained from reports submitted to Federal regulatory agencies and from private utility companies; estimates for all other private construction (nonbuilding) are obtained by phasing F. W. Dodge contract award data; estimates of Federal construction are based on monthly data supplied by Federal agencies.

**Data Collection and Imputation Procedures:** See "Type of Data Collection Operation." Imputation accounts for approximately 20% of estimated value of construction each month.

**Estimates of Sampling Error:** CV estimates for private nonresidential building construction range from 3% for estimated value of industrial buildings to 10% for miscellaneous buildings. CV is approximately 2% for total new private nonresidential buildings.

**Other (nonsampling) Errors:** For directly measured data series based on samples, some nonsampling errors may arise from processing errors, imputations, and misunderstanding of questions. Indirect data series are dependent on the validity of the underlying assumptions and procedures.

**Sources of Additional Material:** U.S. Bureau of the Census, *Construction Reports*, series C30, *Value of New Construction Put in Place*.

**Source and Title:** U.S. Bureau of the Census, *Census of Housing*

**Tables:** See tables citing *Census of Housing* in source notes in section 26.

**Universe, Frequency, and Types of Data:**

Census of all occupied and vacant housing, excluding group quarters, conducted every 10 years as part of the decennial census (see section 1 above) to determine characteristics of U.S. housing.

**Type of Data Collection Operation:** For 1970, 1980, and 1990, a complete count of some housing items (e.g. Owned or rented, and value). In 1970, other items collected from 5% and 15% probability samples selected from two sets of detailed questions on housing (these two sets having some common items). In 1980, approximately 19% of the housing units were included in the sample; in 1990, approximately 17%.

**Data Collection and Imputation Procedures:**

In 1970, a self-enumeration census using a mail-out/mail-back procedure was used in most areas. In 1980 and 1990, mail questionnaires were used in even more areas than in 1970, with personal interviews in the remainder. Followup for nonrespondents and identification of vacant units done by phone and personal visit.

**Estimates of Sampling Error:** Sampling errors for data are estimated for all items collected by sample and vary by characteristic and geographic area.

**Other (nonsampling) Errors:** Evaluation studies for 1980 estimated the underenumeration of occupied housing units at 1.5%. The missed rate in 1980 for all units was 2.6% or approximately 2.3 million units, 1 million of which were vacant housing units.

**Sources of Additional Material:** U.S. Bureau of the Census, *1980 Census of Population and Housing, The Coverage of Housing in the 1980 Census*, PHC80-E1, July 1985.

**Source and Title:** U.S. Bureau of the Census, *American Housing Survey*

**Tables:** See tables citing *American Housing Survey* in source notes.

**Universe, Frequency, and Types of Data:**

Conducted nationally in the fall in odd numbered years to obtain data on the approximately 103 million occupied or vacant housing units in the United States (group quarters are excluded). Data include characteristics of occupied housing units, vacant units, new housing and mobile home units, financial characteristics, recent mover households, housing and neighborhood quality indicators, and energy characteristics.

**Type of Data Collection Operation:** The national sample was a multistage probability sample with about 51,300 units eligible

for interview in 1987. Sample units, selected within 394 PSU's, were surveyed over a 5-month period.

**Data Collection and Imputation Procedures:**

For 1987, the survey was conducted by personal interviews. The interviewers obtained the information from the occupants or, if the unit was vacant, from informed persons such as landlords, rental agents, or knowledgeable neighbors.

**Estimates of Sampling Error:** For the national sample, illustrations of the S.E. of the estimates are provided in the appendix B of the 1987 report. As an example, the estimated CV is about 0.5% for the estimated percentage of owner occupied units with two persons.

**Other (nonsampling) Errors:** Response rate was about 97%. Nonsampling errors may result from incorrect or incomplete responses, errors in coding and recording, and processing errors. For the 1985 national sample, approximately 6% of the total housing inventory was not adequately represented by the AHS sample.

**Sources of Additional Material:** U.S. Bureau of the Census, *Current Housing Reports*, series H-150 and H-170, *American Housing Survey*.

(See section 1 above for information pertaining to the Census of Population, section 15 pertaining to table 1212, and section 19 for table 1244.)

**Section 27. MANUFACTURES**

**Source and Title:** U.S. Bureau of the Census, *Census of Manufactures*

**Tables:** See tables citing *Census of Manufactures* in source notes in section 27 and also table 914 in section 18 and table 1371 in section 30.

**Universe, Frequency, and Types of Data:**

Conducted every 5 years to obtain information on labor, materials, capital input and output characteristics, plant location, and legal form of organization for all plants in the United States with one or more paid employees. Universe was 350,000 manufacturing establishments in 1987.

**Type of Data Collection Operation:** Complete enumeration of data items obtained from 200,000 firms. Administrative records from Internal Revenue Service and Social Security Administration are used for 150,000 smaller single-location firms, which were determined by various cutoffs based on size and industry.

**Data Collection and Imputation Procedures:**

Five mail and telephone followups for larger nonrespondents. Data for small single-location firms (generally those with

fewer than 10 employees) not mailed census questionnaires were estimated from administrative records of IRS and SSA. Data for nonrespondents were imputed from related responses or administrative records from IRS and SSA. Approximately 8% of total value of shipments was represented by fully imputed records in 1987.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Based on evaluation studies, estimates of nonsampling errors for 1972 were about 1.3% for estimated total payroll; 2% for total employment; and 1% for value of shipments. Estimates for later years are not available.

**Sources of Additional Material:** U.S. Bureau of the Census, *1987 Census of Manufactures, Industry Series, Geographic Area Series, and Subject Series*.

**Source and Title:** U.S. Bureau of the Census, *Annual Survey of Manufactures*

**Tables:** See tables citing *Annual Survey of Manufactures* in source notes.

**Universe, Frequency, and Types of Data:** Conducted annually to provide basic measures of manufacturing activity for intercensal years for all manufacturing establishments having one or more paid employees.

**Type of Data Collection Operation:** Sampling frame is 350,000 establishments in the 1987 Census of Manufactures (see above), supplemented by Social Security Administration lists of new manufacturers and new manufacturing establishments of multi-establishment companies identified annually by the Census Bureau's Company Organization Survey. A probability sample of about 55,000 establishments is selected. All establishments of companies with more than \$500 million of manufacturing shipments in 1987 are included with certainty. All establishments with 250+ employees are also included with certainty along with a probability sample of smaller establishments.

**Data Collection and Imputation Procedures:** Survey is conducted by mail with phone and mail followups of nonrespondents. Imputation (for all nonresponse items) is based on previous year reports, or for new establishments in survey, on industry averages.

**Estimates of Sampling Error:** Estimated standard errors for number of employees, new expenditure, and for value added totals are given in annual publications. For U.S. level industry statistics, most estimated standard errors are 2% or less, but vary considerably for detailed characteristics.

**Other (nonsampling) Errors:** Response rate is about 85%. Nonsampling errors include those due to collection, reporting, and transcription errors, many of which are corrected through computer and clerical checks.

**Sources of Additional Material:** U.S. Bureau of the Census, *Annual Survey of Manufactures*, and Technical Paper 24.

## Section 28. DOMESTIC TRADE AND SERVICES

**Source and Title:** U.S. Bureau of the Census, *Census of Wholesale Trade, Census of Retail Trade, Census of Service Industries*

**Tables:** See tables citing the above censuses in source notes in section 28 and table 1371 in section 30.

**Universe, Frequency, and Types of Data:** Conducted every 5 years to obtain data on number of establishments, number of employees, total payroll size, total sales, and other industry-specific statistics. In 1987, the universe was all employer establishments primarily engaged in wholesale trade, and employer and nonemployer establishments in retail trade or service industries.

**Type of Data Collection Operation:** All wholesale firms with paid employees surveyed; all retail and service large employer firms surveyed (i.e. all employer firms above the payroll size cutoff established to separate large from small employers) plus a 10-percent sample of smaller employer firms. Firms with no employees were not required to file a census return.

**Data Collection and Imputation Procedures:** Mail questionnaire is utilized with both mail and telephone followups for nonrespondents. Data for nonrespondents and "nonselected" small employer firms in retail trade and service industries are obtained from administrative records of IRS and the Social Security Administration.

**Estimates of Sampling Error:** Not applicable.

**Other (nonsampling) Errors:** Response rate in 1987 of 80% for single establishment firms; 83% for multi-establishment firms. Item response ranged from 60% to 90% with higher rates for less detailed questions.

**Sources of Additional Material:** U.S. Bureau of the Census, Appendix A of *Census of Retail Trade; Census of Service Industries; Census of Wholesale Trade; and History of the 1987 Economic Censuses*, April 1992.

**Source and Title:** U.S. Bureau of the Census, *Current Business Surveys*

**Tables:** 1302-1305, 1321, 1324, 1327, and table 1005 in section 21.



**Universe, Frequency, and Types of Data:**

Provides monthly estimates of retail sales by kind of business and geographic area, and end-of-month inventories of retail stores; wholesale sales and end-of-month inventories; and annual receipts of selected service industries.

**Type of Data Collection Operation:**

Probability sample of all firms from a list frame and, additionally, for retail and service an area frame. The list frame is the Bureau's Standard Statistical Establishment List (SSEL) updated quarterly for recent birth Employer Identification (EI) Numbers issued by the Internal Revenue Service and assigned a kind-of-business code by the Social Security Administration. The largest firms are included monthly; a sample of others is included every three months on a rotating basis. The area frame covers businesses not subjected to sampling on the list frame.

**Data Collection and Imputation Procedures:**

Data are collected by mail questionnaire with telephone followups for nonrespondents. Imputation made for each nonresponse item and each item failing edit checks.

**Estimates of Sampling Error:** For the 1989 monthly surveys, CV's are about 0.6% for estimated total retail sales, 1.7% for wholesale sales, 1.3% for wholesale inventories. For dollar volume of receipts, CV's from the *Service Annual Survey* vary by kind of business and range between 1.5% to 15.0%. Sampling errors are shown in monthly publications.

**Other (nonsampling) Errors:** Imputation rates are about 18% to 23% for monthly retail sales, 20% to 25% for wholesale sales, about 25% to 30% for monthly wholesale inventories and 14% for the *Service Annual Survey*.

**Sources of Additional Material:** U.S. Bureau of the Census, *Current Business Reports*, *Monthly Retail Trade*, *Monthly Wholesale Trade*, and *Service Annual Survey*.

**Section 30. OUTLYING AREAS**

(See section 1 for information pertaining to tables 1358 and 1359, section 2 for table 1360, section 22 for table 1369, section 27 for table 1371.)

# Index to Tables Having Historical Statistics, Colonial Times to 1970 Series

[The most recent historical supplement to the *Statistical Abstract* is the bicentennial edition, *Historical Statistics of the United States, Colonial Times to 1970* (see inside back cover). Listed below are statistical time series (identified by number) appearing in this edition, for which tables in the *Statistical Abstract* present comparable figures. Historical series are listed only where related or comparable data are available for one or more years later than 1970. In a few instances, it may be necessary to combine figures shown in the *Abstract* to obtain totals comparable to the series shown in *Historical Statistics*]

Historical Statistics series	1993 Abstract table number	Historical Statistics series	1993 Abstract table number	Historical Statistics series	1993 Abstract table number	Historical Statistics series	1993 Abstract table number
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<b>N</b>		<b>Q—Con.</b>		<b>T—Con.</b>		<b>X</b>	
N 1-29 . . . . .	1215	Q 414-416 . . . . .	1086	T 245-271 . . . . .	1303	X 114-147 . . . . .	787
N 66-69 . . . . .	1215	Q 438-448 . . . . .	1082	T 274-287 . . . . .	1320	X 192, 229 . . . . .	784
N 78-100 . . . . .	1217	Q 449-458 . . . . .	1084	T 280-371 . . . . .	1321	X 410-417 . . . . .	821
N 118-137 . . . . .	1213	Q 473-480 . . . . .	1088	T 391-443 . . . . .	1322	X 444-453 . . . . .	826
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 (As of April 1. For definition of median, see Guide to Tabular Presentation)

STATE AND DISTRICT	POPULATION					Per- cent high school graduate or higher	Per- cent bachelor's degree or higher	Median house- hold income in 1969 (dol.)	Per- cent of persons below poverty level	OCCUPIED HOUSING UNITS		Median value of specified owner- occupied housing units (dol.)
	Total population	Per- cent 65 years old and over	Per- cent Black	Per- cent His- panic	Voting- age population					Total	Per- cent owner occupied	
<b>AL.</b> .....	<b>4,040,587</b>	<b>12.9</b>	<b>25.3</b>	<b>0.6</b>	<b>2,981,799</b>	<b>66.9</b>	<b>15.7</b>	<b>23,597</b>	<b>18.3</b>	<b>1,506,790</b>	<b>70.5</b>	<b>53,700</b>
1st.....	577,226	12.6	28.5	0.8	414,476	68.9	14.7	22,881	20.9	209,370	70.9	53,000
2d.....	577,227	13.1	24.1	0.8	423,324	68.2	16.7	24,374	17.0	215,137	70.5	54,200
3d.....	577,227	12.9	26.0	0.6	429,511	61.5	12.3	21,594	19.3	212,651	71.9	47,400
4th.....	577,227	14.7	6.6	0.4	432,149	57.7	8.1	20,877	17.6	220,788	77.0	45,000
5th.....	577,227	11.2	14.9	0.8	433,310	71.6	20.4	29,304	12.8	219,452	69.7	73,100
6th.....	577,226	12.1	9.2	0.6	441,682	76.8	26.3	31,864	8.4	246,345	82.4	40,700
7th.....	577,227	14.0	87.5	0.3	407,367	60.5	10.6	18,560	31.2	205,849	62.4	40,700
<b>AK</b> .....	<b>550,043</b>	<b>4.1</b>	<b>4.1</b>	<b>3.2</b>	<b>377,699</b>	<b>86.6</b>	<b>23.0</b>	<b>41,408</b>	<b>9.0</b>	<b>188,915</b>	<b>86.1</b>	<b>94,400</b>
<b>AZ.</b> .....	<b>3,865,228</b>	<b>13.1</b>	<b>3.0</b>	<b>18.8</b>	<b>2,664,109</b>	<b>78.7</b>	<b>20.3</b>	<b>27,540</b>	<b>15.7</b>	<b>1,368,643</b>	<b>64.2</b>	<b>80,100</b>
1st.....	610,872	9.2	3.2	13.2	457,875	86.1	27.6	31,288	11.5	241,398	55.1	88,700
2d.....	610,871	9.8	6.8	50.5	414,261	59.1	9.2	20,258	27.9	196,480	57.9	54,900
3d.....	610,871	19.8	1.9	11.8	457,293	79.0	18.2	27,827	12.1	234,162	74.4	80,100
4th.....	610,871	11.3	1.9	7.8	464,379	86.7	26.3	33,681	8.6	246,345	62.8	91,100
5th.....	610,871	14.8	3.0	16.5	465,370	84.4	25.0	27,047	13.2	242,990	83.1	81,200
6th.....	610,872	13.8	1.3	13.0	424,811	73.8	15.9	25,710	21.3	207,488	72.2	78,400
<b>AR.</b> .....	<b>2,380,728</b>	<b>14.9</b>	<b>15.9</b>	<b>0.8</b>	<b>1,729,694</b>	<b>66.3</b>	<b>13.3</b>	<b>21,147</b>	<b>18.1</b>	<b>891,179</b>	<b>69.6</b>	<b>46,800</b>
1st.....	586,588	15.2	17.9	0.8	425,369	58.3	9.5	18,180	24.8	220,333	68.0	40,000
2d.....	587,412	12.3	17.6	0.8	434,184	74.4	19.0	25,142	14.4	224,233	69.3	55,800
3d.....	589,528	15.7	1.8	1.1	440,403	68.8	13.3	21,903	14.9	227,700	71.2	49,000
4th.....	585,202	16.4	26.8	0.8	429,638	63.9	11.4	19,621	22.4	218,813	72.7	40,400
<b>CA.</b> .....	<b>29,760,021</b>	<b>10.5</b>	<b>7.4</b>	<b>25.8</b>	<b>22,006,296</b>	<b>76.2</b>	<b>23.4</b>	<b>35,796</b>	<b>12.5</b>	<b>10,381,206</b>	<b>55.8</b>	<b>195,500</b>
1st.....	573,062	12.8	3.9	11.2	423,418	79.6	18.2	30,943	11.4	638,711	63.2	136,400
2d.....	573,322	15.4	1.5	6.0	424,975	78.3	16.4	24,607	15.1	219,020	64.4	94,300
3d.....	571,374	11.0	3.2	14.2	417,336	79.0	19.9	30,296	12.9	209,686	59.1	118,400
4th.....	571,033	12.0	1.8	7.4	426,723	85.1	21.1	35,772	7.5	210,045	69.3	152,400
5th.....	573,984	11.4	12.8	14.7	421,787	79.5	24.0	29,974	15.7	223,134	53.0	122,500
6th.....	571,227	13.0	2.4	8.9	443,956	87.8	33.0	40,564	6.7	226,960	62.0	257,400
7th.....	572,773	10.3	16.6	13.3	421,122	82.0	23.2	38,608	9.6	208,202	62.0	168,100
8th.....	573,247	13.8	12.8	15.7	481,160	76.3	33.8	31,669	14.1	245,620	29.0	274,700
9th.....	573,458	11.8	31.8	12.0	446,811	80.2	35.4	30,087	16.5	227,756	43.0	223,900
10th.....	572,008	10.4	2.3	8.7	431,405	90.1	35.8	52,378	9.4	213,386	71.5	275,100
11th.....	571,772	10.8	5.8	21.1	404,673	71.5	14.7	31,605	14.7	192,038	58.1	124,000
12th.....	571,535	13.8	4.1	14.3	455,454	84.4	31.6	44,720	6.0	215,787	59.4	324,100
13th.....	572,441	9.4	7.4	18.4	426,316	80.6	22.4	43,877	6.4	198,910	62.0	223,700
14th.....	571,131	11.4	4.9	13.5	456,226	88.0	44.2	50,078	6.1	223,976	54.7	404,400
15th.....	572,485	9.5	2.3	10.8	444,446	88.3	34.8	50,823	5.0	214,252	63.2	291,500
16th.....	571,551	7.1	5.2	36.8	409,054	89.7	19.4	42,223	11.8	168,563	60.9	234,500
17th.....	570,981	10.5	4.4	31.6	419,952	74.5	23.0	33,911	11.7	189,099	52.8	220,800
18th.....	571,393	10.3	2.8	26.0	391,176	86.4	12.6	28,324	16.0	186,489	58.7	114,800
19th.....	573,043	11.2	3.3	23.6	404,642	74.4	20.2	29,153	16.4	202,856	58.9	90,800
20th.....	573,282	8.8	6.4	55.4	373,580	47.9	6.4	21,140	27.9	158,379	61.3	64,000
21st.....	571,300	10.9	4.0	20.3	398,248	72.7	15.0	29,943	15.1	199,642	61.3	85,000
22d.....	572,891	13.1	2.8	21.3	442,689	81.4	25.3	33,680	13.0	205,198	56.7	230,100
23d.....	571,483	9.8	2.5	30.0	412,637	77.1	20.5	42,989	7.9	183,312	63.3	235,600
24th.....	572,563	11.0	2.1	13.5	450,849	86.2	33.4	48,433	6.2	219,354	62.5	305,700
25th.....	573,105	7.5	4.5	16.4	414,953	82.8	22.9	46,480	7.2	190,996	71.5	214,100
26th.....	571,623	8.0	6.2	52.7	410,112	60.6	15.4	32,134	15.8	177,447	44.5	186,600
27th.....	572,594	13.0	8.3	20.6	445,260	90.2	31.4	37,929	11.5	219,623	49.3	296,000
28th.....	572,927	11.1	5.7	24.1	423,910	82.5	25.6	43,506	7.1	192,695	67.4	233,700
29th.....	571,586	16.0	3.5	13.2	486,536	86.3	43.5	37,540	11.7	278,690	35.3	500,000
30th.....	572,538	8.1	3.5	61.5	415,483	52.8	16.1	23,435	24.1	177,284	24.4	189,000
31st.....	572,643	9.0	1.7	58.5	403,689	58.4	13.3	30,687	18.2	156,775	48.2	160,100
32d.....	572,595	11.5	40.3	30.2	435,038	69.9	23.3	28,332	19.2	212,744	36.4	234,800
33d.....	570,949	6.5	4.5	83.7	384,158	33.5	5.3	20,706	28.0	145,328	24.7	156,200
34th.....	573,047	9.0	1.9	62.3	402,266	61.7	12.0	36,224	11.6	162,272	62.8	174,400
35th.....	570,882	7.4	42.7	43.1	388,470	57.1	10.1	25,481	24.8	174,747	36.4	150,500
36th.....	573,663	10.4	3.2	14.9	462,022	86.7	36.8	48,522	6.8	233,720	52.8	371,100
37th.....	572,049	6.9	33.6	45.1	375,216	54.8	9.2	27,127	23.3	153,684	50.4	142,800
38th.....	572,657	11.8	7.7	25.7	435,049	76.5	21.0	34,364	12.5	215,901	45.7	224,700
39th.....	573,574	9.4	2.6	22.8	430,069	81.6	25.4	46,196	7.0	190,832	64.6	239,000
40th.....	573,625	11.8	5.4	18.1	407,236	78.3	16.0	30,408	12.5	201,282	64.1	110,300
41st.....	572,663	6.0	6.8	31.5	400,070	76.8	21.4	44,607	9.9	172,941	67.8	204,600
42d.....	571,844	7.3	11.1	34.3	381,173	72.2	12.7	33,737	14.2	181,408	62.1	127,000
43d.....	571,291	8.5	5.9	25.0	401,030	76.4	15.7	37,806	10.2	182,767	66.5	153,700
44th.....	571,589	18.2	5.1	28.1	417,411	71.3	13.2	28,049	13.1	209,956	68.3	121,800
45th.....	570,674	10.2	1.2	14.8	450,058	84.5	27.7	45,074	7.4	213,006	56.4	266,300
46th.....	571,380	7.0	2.5	50.0	405,602	59.8	12.5	35,416	15.5	155,859	48.2	188,500
47th.....	571,518	10.8	1.8	13.1	441,680	89.7	37.1	51,554	5.6	212,084	65.6	280,800
48th.....	572,928	10.4	4.0	17.2	426,279	86.3	27.7	42,389	7.7	200,215	63.9	237,300
49th.....	573,362	12.5	5.3	12.8	480,143	87.7	33.9	32,562	10.9	233,952	42.2	226,000
50th.....	573,463	8.5	14.4	40.6	398,704	67.9	13.9	27,655	18.5	175,606	47.9	137,300
51st.....	572,982	11.4	1.8	13.6	431,928	87.6	34.5	45,186	7.0	207,876	65.0	231,000
52d.....	573,203	10.9	3.1	22.6	415,866	77.9	17.1	33,046	11.9	199,359	59.5	155,400

See footnotes at end of table.

**Summary Social and Economic Characteristics—Congressional Districts—Continued**  
 [As of April 1. For definition of median, see Guide to Tabular Presentation]

STATE AND DISTRICT	POPULATION					Per cent high school graduate or higher <sup>3</sup>	Per cent bachelor's degree or higher <sup>3</sup>	Median household income in 1989 (dol.)	Per cent of persons below poverty level	OCCUPIED HOUSING UNITS		Median value of specified owner-occupied housing units (dol.)
	Total population	Per cent 65 years old and over	Per cent Black	Per cent Hispanic <sup>1</sup>	Voting-age <sup>2</sup> population					Total	Per cent owner occupied	
<b>CO</b> .....	<b>3,294,394</b>	<b>10.0</b>	<b>4.0</b>	<b>12.9</b>	<b>2,433,128</b>	<b>84.4</b>	<b>27.0</b>	<b>30,140</b>	<b>11.7</b>	<b>1,282,489</b>	<b>62.2</b>	<b>82,700</b>
1st .....	549,068	13.3	12.9	21.8	424,133	78.9	26.8	24,870	17.1	242,791	49.7	75,500
2d .....	549,072	7.8	0.8	9.5	407,402	87.7	29.5	35,117	8.7	210,000	65.4	89,900
3d .....	549,062	12.6	0.7	17.4	403,933	79.8	20.5	24,521	15.9	210,794	66.0	62,300
4th .....	549,070	11.0	0.7	14.7	396,906	79.7	21.5	26,577	13.8	202,437	65.4	70,200
5th .....	549,066	7.3	5.6	7.4	394,039	89.5	30.1	33,348	8.9	189,048	64.0	90,600
6th .....	549,058	7.9	3.5	6.4	406,715	91.1	33.4	37,333	5.7	217,419	65.0	92,400
<b>CT</b> .....	<b>3,287,116</b>	<b>13.8</b>	<b>8.3</b>	<b>6.5</b>	<b>2,537,595</b>	<b>79.2</b>	<b>27.2</b>	<b>41,721</b>	<b>6.8</b>	<b>1,230,479</b>	<b>65.6</b>	<b>177,600</b>
1st .....	549,016	14.3	14.2	10.1	423,317	77.9	26.6	39,961	9.3	206,723	61.0	171,300
2d .....	548,041	11.8	3.7	3.0	421,044	79.7	23.2	38,524	6.2	200,769	65.8	151,300
3d .....	547,765	14.6	11.9	4.9	426,557	79.7	26.3	39,815	7.7	207,515	64.7	173,800
4th .....	547,765	13.9	13.1	11.1	426,140	79.3	34.0	47,636	7.5	204,373	63.5	277,400
5th .....	547,764	12.8	4.8	6.2	416,643	79.2	26.9	44,056	5.6	201,115	68.7	183,900
6th .....	547,765	13.9	2.3	3.5	423,834	79.5	25.3	42,817	4.6	207,984	70.1	168,400
<b>DE</b> .....	<b>866,188</b>	<b>12.1</b>	<b>16.9</b>	<b>2.4</b>	<b>592,827</b>	<b>77.5</b>	<b>21.4</b>	<b>34,575</b>	<b>8.7</b>	<b>247,497</b>	<b>70.2</b>	<b>100,100</b>
<b>DC</b> .....	<b>806,906</b>	<b>12.8</b>	<b>65.8</b>	<b>4.4</b>	<b>489,808</b>	<b>73.1</b>	<b>33.3</b>	<b>30,727</b>	<b>16.9</b>	<b>248,634</b>	<b>38.9</b>	<b>123,900</b>
<b>FL</b> .....	<b>12,937,926</b>	<b>13.3</b>	<b>13.8</b>	<b>12.2</b>	<b>10,071,689</b>	<b>74.4</b>	<b>18.3</b>	<b>27,483</b>	<b>12.7</b>	<b>5,134,899</b>	<b>67.2</b>	<b>77,100</b>
1st .....	562,518	11.3	12.8	2.1	419,490	77.5	18.4	25,866	14.9	211,725	67.0	82,400
2d .....	562,519	11.6	23.2	2.0	419,703	71.6	19.5	23,388	19.0	207,785	68.0	58,200
3d .....	562,519	12.1	55.0	2.8	400,759	83.2	9.9	19,780	26.1	201,260	57.6	47,400
4th .....	562,518	14.1	5.8	3.1	436,058	82.5	23.4	31,707	7.8	225,237	66.8	81,200
5th .....	562,518	25.6	5.6	2.8	480,123	71.4	15.4	21,374	15.1	238,193	71.1	66,800
6th .....	562,518	17.8	7.4	2.9	427,389	72.8	12.4	26,025	10.5	214,838	77.3	86,800
7th .....	562,518	15.8	4.0	5.5	435,085	81.3	20.5	30,621	7.7	222,118	71.0	80,600
8th .....	562,518	11.2	5.2	11.4	436,210	81.4	22.7	31,251	8.7	216,066	60.0	85,100
9th .....	562,518	21.6	3.4	4.1	447,543	79.9	19.8	29,293	8.0	233,442	74.4	85,300
10th .....	562,518	26.1	4.4	2.3	462,536	78.0	17.3	25,145	10.4	253,213	66.6	69,000
11th .....	562,519	12.0	17.2	13.9	430,766	74.5	19.4	26,166	15.2	225,942	56.7	66,600
12th .....	562,519	17.1	12.6	6.1	419,836	67.0	13.0	25,315	14.0	209,945	71.6	62,200
13th .....	562,518	30.9	5.4	4.3	465,139	77.8	18.5	27,618	8.8	247,257	74.9	81,800
14th .....	562,518	25.8	5.7	6.6	455,977	77.4	17.7	29,620	9.3	234,797	72.8	90,900
15th .....	562,519	18.6	7.8	3.4	440,627	79.8	18.9	29,755	9.1	226,294	71.1	75,500
16th .....	562,519	23.8	4.0	6.3	447,765	77.9	18.4	30,582	8.3	233,951	75.7	84,400
17th .....	562,519	9.9	58.4	23.0	391,015	57.7	11.0	21,899	26.6	182,462	50.4	64,100
18th .....	562,519	17.3	4.2	66.7	450,408	62.3	21.2	25,537	17.9	209,845	60.3	95,600
19th .....	562,519	26.2	2.7	6.2	461,448	82.7	22.8	34,396	5.5	244,747	78.4	107,600
20th .....	562,518	16.3	4.4	12.3	440,467	80.9	21.9	35,378	7.1	222,030	74.8	103,200
21st .....	562,519	10.0	4.1	69.8	424,355	67.7	19.4	32,043	12.2	186,480	59.3	91,300
22d .....	562,519	31.0	3.0	12.8	490,832	79.5	24.1	29,595	9.8	284,067	62.9	116,200
23d .....	562,519	13.1	51.6	9.4	407,318	61.4	11.0	23,039	21.5	200,175	54.9	67,600
<b>GA</b> .....	<b>8,478,216</b>	<b>10.1</b>	<b>27.0</b>	<b>1.7</b>	<b>4,750,913</b>	<b>70.9</b>	<b>19.3</b>	<b>29,021</b>	<b>14.7</b>	<b>2,366,615</b>	<b>64.9</b>	<b>71,300</b>
1st .....	569,546	11.1	22.7	1.8	426,079	70.1	14.9	25,265	16.8	209,975	66.3	59,300
2d .....	591,899	12.0	56.6	1.7	415,777	57.8	9.7	17,942	28.9	202,994	57.3	42,500
3d .....	591,328	9.8	17.8	1.4	429,343	71.7	15.5	32,380	9.9	211,118	71.3	70,800
4th .....	588,293	7.9	11.6	3.4	448,179	87.1	34.6	40,303	6.1	226,403	61.4	96,800
5th .....	586,485	10.3	62.3	1.8	440,910	73.8	25.9	25,892	21.8	230,439	45.4	76,100
6th .....	587,118	5.4	6.0	2.1	438,847	90.5	40.0	46,997	4.0	223,942	66.9	120,700
7th .....	588,071	10.9	12.9	1.1	431,939	84.5	12.4	26,831	11.7	213,635	70.5	84,700
8th .....	591,615	11.8	21.0	1.4	427,447	67.9	14.5	25,744	16.5	215,624	70.2	56,200
9th .....	586,222	11.7	3.7	1.7	436,725	80.9	11.4	26,581	11.8	215,889	75.4	62,500
10th .....	591,644	10.5	18.1	1.2	439,254	67.7	17.9	27,553	14.8	213,372	68.5	68,000
11th .....	586,195	9.8	64.1	1.1	413,413	66.1	13.2	24,763	19.8	201,144	62.1	59,000
<b>HI</b> .....	<b>1,108,226</b>	<b>11.3</b>	<b>2.5</b>	<b>7.3</b>	<b>828,103</b>	<b>80.1</b>	<b>22.9</b>	<b>38,829</b>	<b>8.3</b>	<b>356,267</b>	<b>53.9</b>	<b>245,300</b>
1st .....	554,119	12.5	2.5	5.5	431,485	81.4	26.6	40,257	7.0	188,969	50.4	311,200
2d .....	554,110	10.0	2.4	9.2	396,618	78.6	18.8	37,247	9.5	167,298	57.8	190,900
<b>ID</b> .....	<b>1,006,749</b>	<b>12.0</b>	<b>0.3</b>	<b>5.3</b>	<b>698,344</b>	<b>79.7</b>	<b>17.7</b>	<b>25,267</b>	<b>13.3</b>	<b>360,723</b>	<b>70.1</b>	<b>56,200</b>
1st .....	503,357	12.9	0.2	4.6	358,537	78.8	16.7	25,086	13.0	185,172	71.3	60,300
2d .....	503,392	11.2	0.4	5.9	339,807	80.7	18.7	25,446	13.5	175,551	68.7	55,900
<b>IL</b> .....	<b>11,430,602</b>	<b>12.6</b>	<b>14.8</b>	<b>7.9</b>	<b>8,484,238</b>	<b>78.2</b>	<b>21.0</b>	<b>32,252</b>	<b>11.9</b>	<b>4,202,240</b>	<b>64.2</b>	<b>80,900</b>
1st .....	571,530	13.9	69.7	3.6	418,600	70.7	18.4	24,140	23.8	210,672	44.7	73,100
2d .....	571,530	9.8	68.5	6.8	402,216	70.1	13.1	30,217	18.0	183,227	62.9	65,000
3d .....	571,531	18.2	1.9	7.4	442,224	74.5	15.7	36,250	5.4	214,647	73.8	92,800
4th .....	571,530	7.7	8.3	65.0	383,497	46.5	8.4	23,083	23.8	170,646	36.0	64,900
5th .....	571,530	15.2	1.5	13.3	467,584	73.6	26.1	33,262	8.0	243,577	48.8	109,800
6th .....	571,530	12.0	1.5	5.3	437,195	85.1	29.6	44,216	3.3	210,552	73.7	130,400
7th .....	571,530	10.0	65.6	4.3	406,971	66.6	20.9	25,220	29.5	204,386	36.9	89,500
8th .....	571,530	7.4	1.7	5.5	420,358	87.1	30.2	47,374	3.3	205,605	74.2	132,300
9th .....	571,530	16.4	12.1	9.7	467,139	81.1	36.6	32,183	11.9	245,104	45.8	145,800
10th .....	571,530	10.4	6.2	7.1	425,243	87.6	40.4	50,355	4.4	189,839	74.4	181,400
11th .....	571,528	13.1	8.6	6.5	417,917	75.8	13.4	33,632	8.2	204,630	73.7	67,400
12th .....	571,530	13.8	17.0	1.3	421,442	71.9	13.9	25,032	2.5	213,212	66.6	48,000
13th .....	571,531	7.8	3.2	3.0	412,733	89.0	35.0	50,087	5.5	197,921	77.4	140,300
14th .....	571,530	8.2	4.2	9.8	407,741	80.4	22.7	39,815	6.9	182,838	71.1	100,600
15th .....	571,532	12.8	7.4	1.6	433,424	79.7	21.1	26,760	13.8	213,068	64.0	52,500
16th .....	571,530	12.0	4.7	3.1	415,480	78.9	17.1	34,668	7.6	210,646	72.5	73,700
17th .....	571,530	16.5	3.3	3.0	427,877	76.3	13.3	25,195	12.8	221,563	70.0	41,800
18th .....	571,580	14.2	5.1	0.9	422,030	79.0	17.5	30,189	10.6	217,008	70.3	52,000

See footnotes at end of table.

## Summary Social and Economic Characteristics—Congressional Districts—Continued

[As of April 1. For definition of median, see Guide to Tabular Presentation]

STATE AND DISTRICT	POPULATION					Percent high school graduate or higher	Percent bachelor's degree or higher	Median household income in 1989 (dol.)	Percent of persons below poverty level	OCCUPIED HOUSING UNITS		Median value of specified owner-occupied housing units (dol.)
	Total population	Percent 65 years old and over	Percent Black	Percent Hispanic	Voting-age population					Total	Percent owner occupied	
19th	571,530	17.4	3.9	0.5	429,589	70.7	11.1	22,979	15.3	223,161	74.6	38,800
20th	571,480	15.8	4.2	0.7	424,776	73.9	13.2	26,173	12.2	219,738	73.1	47,200
IN	5,644,189	12.8	7.8	1.8	4,068,196	75.6	15.8	28,787	10.7	2,066,355	70.2	53,900
1st	554,416	11.9	21.1	8.5	400,187	75.0	14.2	31,300	12.8	188,750	68.6	57,000
2d	554,416	13.7	4.1	0.6	416,400	73.1	12.3	26,185	12.7	209,961	71.2	43,400
3d	554,416	12.9	7.4	1.9	407,768	74.8	16.1	29,470	8.8	203,314	72.5	55,500
4th	554,416	12.0	5.5	1.6	396,224	78.2	15.0	30,859	7.8	202,849	74.3	56,500
5th	554,415	13.4	2.2	1.3	403,843	75.1	10.9	27,893	9.8	205,013	75.1	46,700
6th	554,416	11.1	1.1	0.8	408,067	85.3	26.7	38,644	4.5	209,027	72.8	81,400
7th	554,416	12.4	2.0	0.8	418,523	78.8	17.4	28,080	10.7	200,596	71.4	54,700
8th	554,416	13.9	3.1	0.6	421,765	74.5	15.7	25,242	13.4	211,519	70.1	49,200
9th	554,416	12.8	1.7	0.4	404,813	69.9	10.2	26,900	10.7	202,651	78.0	49,300
10th	554,416	11.5	29.8	1.2	410,605	71.6	16.9	25,304	15.8	221,675	52.0	46,200
IA	2,776,755	15.3	1.7	1.2	2,057,875	80.1	18.9	36,229	11.5	1,054,325	70.0	45,900
1st	555,229	11.9	2.8	2.0	413,721	82.8	22.7	29,544	11.5	211,488	66.7	55,800
2d	555,494	16.4	1.7	0.7	408,469	77.9	13.8	25,010	12.3	208,760	72.2	42,800
3d	555,299	16.5	0.9	0.8	417,743	79.3	15.7	34,787	12.7	211,356	74.2	41,400
4th	555,276	13.7	2.8	1.5	412,171	82.5	18.9	28,591	9.8	216,874	68.3	52,900
5th	555,457	18.2	0.6	0.9	405,771	78.0	13.4	24,150	11.3	213,869	71.7	37,200
KS	2,477,574	13.8	5.8	3.8	1,815,960	81.3	21.1	27,261	11.5	944,726	67.9	52,200
1st	619,370	17.2	1.3	5.2	452,729	77.9	15.2	23,433	12.3	239,568	71.2	38,200
2d	619,391	14.3	6.3	3.0	458,157	80.7	16.4	24,903	13.4	230,344	67.7	44,500
3d	619,439	10.3	8.9	3.3	455,833	85.9	31.5	34,275	9.4	235,450	65.7	75,800
4th	619,374	13.5	6.6	3.7	449,241	80.6	19.6	28,306	10.9	239,364	67.0	52,500
KY	3,685,296	12.7	7.1	0.6	2,731,202	64.6	13.6	22,534	19.9	1,379,782	69.6	60,600
1st	614,228	15.3	7.8	0.7	460,899	62.0	9.5	20,331	19.0	232,748	73.4	40,500
2d	614,833	11.4	5.5	0.8	448,234	65.1	11.2	23,212	16.8	222,251	72.8	49,200
3d	613,803	13.9	18.3	0.7	465,371	74.1	18.7	26,614	14.3	246,351	63.3	57,000
4th	614,245	12.1	2.1	0.4	449,764	67.6	13.4	28,382	15.0	224,334	71.9	47,100
5th	614,199	16.9	1.0	0.3	441,744	49.1	15.9	16,052	32.7	221,146	74.5	35,400
6th	614,270	11.5	8.1	0.7	465,190	70.0	19.9	25,377	12.2	232,952	62.7	61,900
LA	4,219,973	11.1	36.8	2.2	2,982,704	68.3	16.1	21,949	23.6	1,469,289	65.9	58,500
1st	602,859	11.9	10.1	4.1	444,144	76.3	22.0	27,877	14.2	227,357	68.9	75,000
2d	602,689	11.0	61.0	3.7	426,275	65.8	17.5	18,367	31.3	218,508	45.8	62,600
3d	602,950	9.1	21.8	2.4	414,985	62.8	9.8	23,813	21.5	200,571	75.0	58,100
4th	602,884	11.4	66.4	0.9	413,500	58.0	11.1	14,515	38.5	200,260	61.9	40,600
5th	602,816	13.0	22.1	1.1	437,021	72.9	17.5	22,903	20.0	222,839	70.5	55,500
6th	602,854	10.7	14.6	2.0	434,678	75.2	19.9	25,251	17.3	215,242	69.1	63,400
7th	602,921	10.7	19.5	1.3	422,091	65.7	14.1	21,442	22.8	214,502	70.4	50,100
ME	1,227,628	13.3	0.4	0.6	916,999	78.8	18.8	27,654	10.8	465,312	70.5	87,400
1st	336,656	13.3	0.4	0.6	278,547	81.7	22.4	30,952	8.5	243,670	68.6	87,400
2d	591,442	13.3	0.4	0.5	440,379	75.6	14.7	24,672	13.3	221,442	71.5	66,400
MD	4,781,468	10.8	24.9	2.6	3,619,227	78.4	26.5	36,366	8.3	1,746,991	65.0	116,500
1st	597,684	12.4	15.0	1.1	454,906	74.7	19.9	35,115	8.4	221,386	70.3	101,300
2d	597,683	12.0	5.9	1.2	457,201	78.1	22.3	40,120	5.2	222,476	70.5	110,900
3d	597,680	13.3	17.5	1.7	459,113	75.1	27.2	35,970	9.0	232,681	63.3	91,000
4th	597,690	7.4	58.5	6.4	447,123	83.0	27.7	41,081	6.5	216,758	52.8	124,000
5th	597,681	7.6	18.6	2.4	450,196	83.2	25.4	46,936	4.9	204,414	71.9	132,100
6th	597,688	11.4	4.5	0.9	447,788	77.6	20.9	38,883	7.0	214,745	71.9	113,700
7th	597,680	12.1	71.0	0.9	448,177	64.0	16.1	25,884	21.4	216,574	46.9	60,100
8th	597,682	10.4	8.2	6.3	454,721	91.3	51.1	66,789	3.7	219,977	72.8	207,200
MA	6,016,425	13.6	8.0	4.8	4,663,350	80.0	27.2	36,652	6.9	2,247,110	59.3	162,800
1st	601,643	14.0	1.7	4.8	457,983	78.0	21.4	31,903	10.2	222,811	62.8	123,700
2d	601,642	14.1	5.6	6.0	454,404	74.7	18.8	33,401	9.9	222,230	63.9	129,100
3d	601,642	13.7	1.8	3.7	458,167	76.6	24.2	36,873	7.9	220,174	61.7	150,800
4th	601,642	13.7	2.2	2.5	461,073	77.5	30.9	39,005	7.7	218,092	63.8	170,600
5th	601,643	10.5	2.3	8.1	446,756	79.9	28.8	42,701	8.9	209,525	64.4	174,200
6th	601,643	13.8	1.9	2.9	465,983	83.3	27.4	40,836	6.8	225,496	65.5	181,100
7th	601,642	15.2	2.3	3.0	485,704	84.0	30.0	41,318	5.9	232,429	57.4	193,600
8th	601,643	10.8	23.3	10.6	494,335	76.7	36.0	30,417	17.4	238,103	29.1	189,700
9th	601,643	14.6	6.7	4.8	472,887	81.6	27.8	38,646	8.9	226,685	57.4	172,800
10th	601,642	15.9	2.1	1.4	466,158	86.7	26.4	37,489	6.3	231,585	68.7	163,700
MI	9,295,297	11.9	13.9	2.2	6,836,532	76.8	17.4	31,020	13.1	3,416,331	71.0	60,600
1st	580,956	15.7	0.8	0.6	431,643	77.0	14.5	22,788	13.3	219,394	75.8	44,900
2d	580,956	12.3	4.4	3.0	414,968	75.9	13.6	28,905	11.4	206,301	78.7	58,400
3d	580,956	10.8	7.5	2.8	416,628	79.9	19.1	31,917	9.4	208,512	70.8	66,000
4th	580,956	12.3	1.1	1.8	425,655	76.2	13.5	25,898	15.2	207,299	78.1	49,300
5th	580,956	13.0	8.4	3.4	418,962	73.8	10.7	26,312	15.0	214,348	75.7	47,400
6th	580,956	12.2	9.5	1.8	426,902	77.2	18.6	28,453	13.8	216,367	70.0	54,600
7th	580,957	12.2	5.6	2.4	424,301	78.2	13.9	29,976	11.4	210,201	74.0	50,700
8th	580,956	9.0	5.8	2.9	431,535	84.0	24.1	35,911	10.6	208,151	70.1	72,100
9th	580,956	9.1	17.8	2.8	420,888	78.0	17.7	34,737	14.2	213,603	67.9	65,200
10th	580,956	12.1	2.0	1.3	434,093	77.3	12.8	36,536	6.6	214,512	76.8	71,500
11th	580,956	12.3	4.1	1.3	444,245	87.7	34.4	49,021	3.4	220,956	77.9	111,100
12th	580,956	12.8	3.7	1.2	442,863	76.6	19.9	38,760	6.0	220,599	73.9	76,200
13th	580,956	8.6	11.0	1.7	442,445	81.8	27.3	39,596	10.1	215,487	61.6	77,500

See footnotes at end of table.

**Summary Social and Economic Characteristics—Congressional Districts—Continued**  
 [As of April 1. For definition of median, see Guide to Tabular Presentation]

STATE AND DISTRICT	POPULATION					Per cent high school graduate or higher	Per cent bachelor's degree or higher	Median household income in 1989 (dol.)	Per cent of persons below poverty level	OCCUPIED HOUSING UNITS		Median value of specified owner-occupied housing units (dol.)
	Total population	Per cent 65 years old and over	Per cent Black	Per cent Hispanic <sup>1</sup>	Voting-age <sup>2</sup> population					Total	Per cent owner occupied	
14th	580,866	11.5	69.1	1.1	408,983	69.2	12.5	25,079	24.6	206,555	64.9	29,800
15th	580,858	14.0	70.0	4.3	418,224	58.6	11.1	15,264	36.6	220,864	45.2	23,200
16th	580,956	13.0	1.4	2.4	434,219	74.0	12.9	35,315	8.4	216,149	75.4	62,400
<b>MN</b>	<b>4,375,999</b>	<b>12.5</b>	<b>2.2</b>	<b>1.2</b>	<b>3,208,316</b>	<b>82.4</b>	<b>21.8</b>	<b>30,909</b>	<b>10.2</b>	<b>1,647,883</b>	<b>71.8</b>	<b>74,000</b>
1st	546,887	14.2	0.3	1.0	399,063	79.7	18.3	28,371	9.8	201,182	75.3	58,700
2d	546,887	15.5	0.2	1.0	390,480	75.8	13.5	27,024	10.0	200,982	77.2	55,100
3d	546,888	8.1	1.3	1.1	398,813	92.3	33.2	43,983	3.8	203,897	74.5	100,600
4th	546,887	12.1	4.2	2.9	410,455	85.3	28.3	32,670	10.6	213,928	63.3	84,300
5th	546,887	13.7	9.6	1.8	434,263	84.5	29.3	26,634	14.2	235,257	54.8	78,600
6th	546,888	5.6	1.2	0.9	382,305	89.3	22.7	42,346	4.8	187,782	79.9	91,100
7th	546,888	15.4	0.2	0.8	394,926	74.3	14.4	22,893	15.4	198,870	74.8	50,300
8th	546,887	15.4	0.4	0.5	398,011	77.4	13.9	24,897	13.4	205,845	78.8	49,300
<b>MS</b>	<b>2,673,216</b>	<b>12.5</b>	<b>35.8</b>	<b>0.6</b>	<b>1,826,466</b>	<b>64.3</b>	<b>14.7</b>	<b>20,196</b>	<b>25.2</b>	<b>911,374</b>	<b>71.5</b>	<b>45,600</b>
1st	514,548	13.2	22.8	0.5	373,828	59.6	10.8	20,867	20.1	186,772	77.2	43,900
2d	514,845	13.9	63.0	0.7	345,943	55.3	13.5	15,530	37.7	170,188	64.4	40,200
3d	515,314	12.2	31.3	0.6	370,290	66.8	16.1	21,625	22.0	184,721	74.0	47,100
4th	513,853	13.2	40.7	0.4	367,753	67.7	18.1	20,234	25.3	185,716	71.3	47,900
5th	514,656	10.9	20.0	1.1	368,541	71.6	15.1	21,702	20.8	183,977	70.0	49,700
<b>MO</b>	<b>5,117,073</b>	<b>14.0</b>	<b>10.7</b>	<b>1.2</b>	<b>3,802,247</b>	<b>73.9</b>	<b>17.8</b>	<b>26,382</b>	<b>13.3</b>	<b>1,961,206</b>	<b>68.8</b>	<b>59,800</b>
1st	568,285	13.9	52.3	0.9	418,731	70.6	19.5	24,983	19.1	220,470	56.6	55,800
2d	568,306	10.3	3.7	1.0	420,661	86.4	33.8	43,957	3.7	210,097	75.5	95,300
3d	568,326	14.8	2.3	1.1	428,779	73.1	17.2	30,863	7.9	225,327	70.0	72,100
4th	568,146	14.6	3.2	1.1	420,347	72.0	12.7	23,064	13.7	211,458	72.8	48,600
5th	568,130	13.7	23.7	3.2	428,226	78.8	20.0	26,988	13.9	230,604	60.0	56,700
6th	568,131	14.3	2.1	1.5	421,048	78.4	16.0	27,165	11.4	216,556	70.8	55,300
7th	568,017	15.6	0.9	0.8	428,827	72.9	14.8	21,712	15.2	222,201	70.7	48,400
8th	568,395	16.2	4.4	0.5	418,359	59.0	9.5	18,207	22.4	216,430	71.3	37,900
9th	568,347	12.8	3.7	0.7	417,301	73.6	16.1	26,055	12.9	208,153	73.2	55,400
<b>MT</b>	<b>799,085</b>	<b>13.9</b>	<b>0.3</b>	<b>1.5</b>	<b>576,981</b>	<b>81.0</b>	<b>19.8</b>	<b>22,988</b>	<b>16.1</b>	<b>305,163</b>	<b>67.3</b>	<b>56,600</b>
<b>NE</b>	<b>1,578,386</b>	<b>14.1</b>	<b>3.8</b>	<b>2.3</b>	<b>1,148,373</b>	<b>81.8</b>	<b>18.9</b>	<b>26,016</b>	<b>11.1</b>	<b>602,383</b>	<b>66.5</b>	<b>50,400</b>
1st	526,287	14.7	1.1	1.4	389,852	81.4	18.5	25,763	10.9	200,847	66.9	50,100
2d	526,567	10.1	9.7	2.8	379,331	85.6	24.8	30,889	9.5	197,804	62.8	61,300
3d	525,521	17.6	0.2	2.9	380,190	78.5	13.8	22,344	13.0	203,712	69.6	38,300
<b>NV</b>	<b>1,201,633</b>	<b>10.6</b>	<b>6.6</b>	<b>10.4</b>	<b>904,885</b>	<b>78.8</b>	<b>15.3</b>	<b>31,011</b>	<b>10.2</b>	<b>466,297</b>	<b>54.8</b>	<b>96,700</b>
1st	600,957	11.0	10.5	12.2	456,137	75.9	13.3	29,611	11.4	236,070	50.1	89,300
2d	600,876	10.3	2.7	8.5	448,748	81.7	17.3	32,413	8.9	230,227	59.6	104,100
<b>NH</b>	<b>1,109,252</b>	<b>11.3</b>	<b>0.8</b>	<b>1.0</b>	<b>830,497</b>	<b>82.2</b>	<b>24.4</b>	<b>36,329</b>	<b>6.4</b>	<b>411,186</b>	<b>68.2</b>	<b>129,400</b>
1st	554,360	11.0	0.7	1.0	415,884	82.4	23.8	36,511	6.3	206,495	66.3	132,500
2d	554,892	11.5	0.6	1.0	414,613	81.9	24.9	36,145	6.5	204,691	70.1	125,800
<b>NJ</b>	<b>7,730,186</b>	<b>13.4</b>	<b>12.4</b>	<b>9.8</b>	<b>5,930,726</b>	<b>78.7</b>	<b>18.9</b>	<b>35,250</b>	<b>9.9</b>	<b>2,794,711</b>	<b>64.9</b>	<b>162,300</b>
1st	594,630	11.7	18.8	6.3	435,627	74.2	16.9	35,250	9.9	211,962	69.1	94,100
2d	594,630	14.9	14.1	6.6	450,384	71.3	14.9	32,410	9.9	216,043	69.0	93,900
3d	594,630	15.1	8.0	2.6	451,821	80.5	24.1	41,257	4.3	212,334	82.3	129,200
4th	594,630	16.7	12.5	5.2	451,927	75.9	18.7	36,888	6.9	220,574	73.6	130,500
5th	594,630	12.5	1.3	2.8	452,587	85.4	32.6	53,433	3.2	206,078	80.8	214,400
6th	594,630	12.1	11.2	6.1	465,699	79.5	24.9	42,309	6.4	215,093	63.1	180,800
7th	594,629	13.8	10.2	5.0	467,393	82.7	32.4	50,996	3.4	215,596	74.6	186,900
8th	594,629	14.7	13.0	17.8	461,457	72.4	24.5	39,844	8.7	212,344	57.2	193,600
9th	594,630	16.1	6.5	11.4	480,677	74.9	24.7	40,816	6.0	234,596	54.6	195,700
10th	594,630	11.7	80.2	12.3	444,087	65.7	14.6	28,648	17.1	212,001	35.7	137,600
11th	594,630	10.8	2.7	4.1	459,657	87.3	37.4	57,219	2.6	209,150	78.4	215,600
12th	594,630	11.4	5.2	2.7	455,824	87.5	39.7	54,830	2.9	208,601	78.3	205,700
13th	594,630	12.1	13.7	41.5	454,366	58.0	15.9	26,721	17.1	217,349	31.0	143,900
<b>NM</b>	<b>1,515,069</b>	<b>10.8</b>	<b>2.0</b>	<b>38.2</b>	<b>1,068,328</b>	<b>75.1</b>	<b>20.4</b>	<b>24,067</b>	<b>20.6</b>	<b>642,709</b>	<b>67.4</b>	<b>70,100</b>
1st	505,491	10.5	2.7	38.1	371,875	81.8	26.0	27,074	14.8	194,425	61.9	84,600
2d	504,659	11.8	2.1	42.1	350,557	69.5	15.0	21,456	23.5	175,354	69.4	52,700
3d	504,919	9.9	1.2	34.6	345,896	73.7	19.7	23,610	23.8	172,930	71.7	68,600
<b>NY</b>	<b>17,990,455</b>	<b>13.1</b>	<b>15.9</b>	<b>12.3</b>	<b>13,730,906</b>	<b>74.8</b>	<b>23.1</b>	<b>32,965</b>	<b>13.0</b>	<b>6,638,322</b>	<b>52.2</b>	<b>131,800</b>
1st	580,338	11.8	4.1	4.7	433,173	82.3	22.8	45,464	5.2	192,807	79.1	159,000
2d	580,337	9.6	9.8	9.7	437,435	80.2	18.9	50,078	4.9	178,664	79.6	159,600
3d	580,337	13.5	2.0	4.4	455,840	86.4	29.9	56,080	3.0	195,063	83.8	205,300
4th	580,338	14.7	16.2	7.5	450,745	81.3	26.2	50,887	4.5	191,210	78.1	197,800
5th	580,337	15.5	3.5	7.3	462,505	83.9	34.8	50,103	4.8	212,262	68.6	258,900
6th	580,337	11.2	56.2	16.9	432,167	89.0	14.6	36,223	11.4	180,632	54.5	159,600
7th	580,337	17.1	10.1	21.3	472,526	67.9	18.0	30,324	12.2	235,147	32.5	206,100
8th	580,337	15.2	8.6	12.7	486,296	78.6	42.1	32,784	16.8	282,170	22.9	223,000
9th	580,338	19.7	3.3	8.5	469,579	75.2	24.2	34,758	9.4	238,905	42.9	212,300
10th	580,335	9.7	60.7	18.7	414,607	61.9	16.8	23,164	28.3	202,579	23.6	167,900
11th	580,337	8.4	74.0	11.5	414,564	67.0	17.5	26,148	21.7	199,404	18.5	183,900
12th	580,340	8.4	13.7	57.9	417,933	47.4	10.5	20,444	30.4	184,010	15.3	176,300
13th	580,337	14.0	5.6	7.5	449,571	74.2	19.3	38,437	9.0	215,118	52.4	190,700
14th	580,337	15.6	4.6	10.9	515,981	84.9	51.4	42,184	9.4	316,747	25.8	235,700
15th	580,337	11.7	46.9	48.4	437,484	56.9	17.6	19,238	33.0	214,632	6.4	188,800
16th	580,338	7.0	42.2	60.2	385,188	47.0	6.1	15,080	41.8	188,194	8.2	144,300
17th	580,337	14.3	41.9	28.1	438,290	66.8	17.1	27,227	18.3	217,580	21.8	176,400
18th	580,337	17.0	7.5	10.4	467,361	60.3	33.4	43,754	6.1	222,962	53.7	288,500

See footnotes at end of table.

**Summary Social and Economic Characteristics—Congressional Districts—Continued**  
 [As of April 1. For definition of median, see Guide to Tabular Presentation]

STATE AND DIS- TRICT	POPULATION					Per- cent high school gradu- ate or high- er	Per- cent bache- lor's degree or high- er	Median house- hold income in 1989 (dol.)	Per- cent of per- sons below poverty level	OCCUPIED HOUSING UNITS		Median value of specified owner- occupied housing units (dol.)
	Total population	Per- cent 65 years old and over	Per- cent Black	Per- cent His- panic <sup>1</sup>	Voting- age <sup>2</sup> population					Total	Per- cent owner occupied	
19th	580,337	11.1	7.3	5.2	444,315	83.4	32.4	50,239	4.8	199,080	71.0	199,200
20th	580,338	11.1	8.2	8.1	429,329	81.7	29.6	47,107	7.1	192,825	71.8	193,800
21st	580,337	15.4	6.3	2.1	451,775	79.3	24.2	31,489	9.8	228,409	59.1	99,200
22nd	580,337	12.8	2.2	1.5	434,538	79.0	26.4	33,306	7.4	210,874	73.6	99,800
23d	580,337	14.9	2.9	1.5	436,162	75.4	15.9	26,155	11.9	211,591	70.0	97,900
24th	580,338	11.8	2.6	1.6	426,525	73.8	13.7	25,687	13.6	202,380	68.3	58,700
25th	580,337	12.9	6.6	1.4	435,923	79.9	22.7	31,080	10.3	217,749	64.9	78,100
26th	580,338	13.2	5.7	4.3	446,405	77.4	22.5	30,335	12.2	213,391	63.9	84,500
27th	580,337	12.9	2.5	1.3	433,948	80.3	22.0	34,573	6.9	206,855	75.8	81,300
28th	580,337	13.1	14.0	4.3	439,166	79.5	27.4	33,899	11.7	225,411	62.3	90,700
29th	580,337	14.7	4.5	2.8	441,716	77.2	17.8	28,951	10.9	225,954	64.5	71,600
30th	580,337	14.9	16.7	1.5	441,308	72.7	14.6	26,263	13.7	223,708	63.5	88,300
31st	580,337	14.5	2.3	1.5	426,519	75.5	15.0	25,124	13.1	213,009	70.9	48,500
NC	6,628,637	12.1	22.0	1.2	5,022,488	70.0	17.4	26,647	13.0	2,617,026	68.0	65,800
1st	552,394	13.9	57.3	0.7	399,878	57.8	9.3	18,226	26.1	202,738	62.2	48,100
2d	552,379	13.0	21.9	1.2	420,178	70.5	18.1	27,271	12.7	212,833	68.4	67,800
3d	552,387	11.6	21.5	1.6	413,263	71.6	14.7	34,553	14.5	205,941	69.4	63,100
4th	552,387	8.4	20.1	1.3	428,084	84.0	35.9	34,569	9.3	215,806	74.3	96,000
5th	552,386	13.8	15.2	0.8	428,782	65.3	14.8	25,543	12.3	217,545	70.3	58,500
6th	552,385	12.4	7.5	0.7	428,086	72.1	19.0	30,828	7.5	216,882	73.7	73,300
7th	552,386	8.8	18.7	2.9	414,413	74.9	15.8	24,708	14.4	184,729	65.2	64,000
8th	552,387	11.8	23.2	1.4	403,678	65.8	11.4	26,180	12.2	200,760	73.0	57,100
9th	552,387	10.2	8.9	1.1	421,616	78.5	28.2	35,346	6.6	215,398	69.0	83,600
10th	552,386	12.2	5.5	0.7	421,456	65.4	13.6	28,511	8.8	212,320	78.9	64,000
11th	552,387	17.7	7.2	0.7	430,457	68.2	15.3	23,564	13.7	221,168	74.3	59,700
12th	552,387	11.6	56.6	0.9	411,687	65.6	14.3	23,068	17.7	210,878	50.0	58,400
ND	636,909	14.3	0.6	0.7	463,415	78.7	18.1	23,213	14.4	240,878	65.6	60,800
OH	10,847,116	19.0	10.6	1.3	8,047,371	75.7	17.0	28,706	12.5	4,087,646	67.5	63,900
1st	570,900	13.4	30.1	0.6	420,468	72.2	16.7	25,405	17.4	223,619	52.2	65,100
2d	570,902	11.5	2.3	0.5	417,784	76.9	29.7	34,686	8.0	211,251	71.6	78,400
3d	570,901	12.6	17.8	0.8	429,073	77.8	20.1	30,083	12.7	225,198	61.8	65,000
4th	570,901	13.2	4.6	0.9	417,141	75.3	11.3	27,312	11.1	210,326	73.0	50,600
5th	570,901	12.9	2.1	3.1	411,006	77.0	12.4	30,117	8.6	206,472	78.0	58,000
6th	570,901	13.1	2.1	0.4	421,059	68.3	11.4	21,761	20.1	209,760	71.3	46,900
7th	570,902	11.9	5.3	0.7	421,456	76.2	15.3	30,364	11.0	205,376	70.8	62,900
8th	570,901	11.5	2.6	0.5	415,676	75.4	14.8	31,171	9.4	204,772	72.3	66,300
9th	570,901	12.6	12.2	3.4	421,341	76.0	16.3	28,656	14.1	214,332	66.3	58,700
10th	570,903	15.2	2.1	4.0	435,467	75.5	19.5	30,323	10.4	228,377	65.6	73,700
11th	570,901	14.9	68.6	1.1	424,718	68.5	18.2	22,459	22.1	227,289	51.7	56,800
12th	570,902	9.4	23.2	0.8	418,053	80.2	23.5	30,859	13.4	215,968	57.6	75,800
13th	570,894	10.8	4.5	2.9	413,086	76.6	16.5	34,725	8.5	198,619	76.9	77,000
14th	570,900	13.4	10.9	0.6	432,423	76.9	19.2	28,184	12.9	219,368	67.1	60,800
15th	570,902	10.0	4.9	1.0	443,164	81.0	27.0	31,020	10.8	223,084	58.0	73,200
16th	570,902	13.7	4.8	0.6	419,742	74.0	13.7	27,524	11.7	209,545	70.8	58,200
17th	570,900	15.9	9.8	1.3	428,405	74.4	12.3	25,220	14.4	217,693	72.5	48,600
18th	570,900	15.1	2.4	0.3	421,743	71.4	8.5	22,806	15.5	216,909	74.1	44,400
19th	570,901	15.3	1.8	0.9	436,586	79.8	19.4	34,385	6.1	210,378	75.4	77,900
OK	3,145,688	13.5	7.4	2.7	2,308,578	74.6	17.8	23,577	16.7	1,206,135	68.1	48,100
1st	524,264	11.4	9.6	2.3	388,158	81.7	23.4	27,472	13.0	209,563	61.3	61,100
2d	524,264	15.1	5.1	1.1	382,426	67.9	11.6	20,633	19.7	196,048	75.3	41,300
3d	524,264	18.0	4.0	1.4	388,310	66.7	13.3	18,394	22.4	199,724	71.7	36,100
4th	524,265	10.9	7.2	4.0	381,702	77.5	18.7	25,391	14.8	192,106	66.6	51,200
5th	524,264	12.8	5.6	3.2	386,030	81.8	26.4	29,348	11.9	209,157	65.7	58,700
6th	524,264	14.7	13.2	4.4	381,952	71.8	13.3	21,797	18.8	199,537	68.4	40,000
OR	2,842,321	13.8	1.6	4.0	2,118,191	81.6	20.6	27,260	12.4	1,108,813	63.1	67,100
1st	568,461	11.7	0.8	4.0	425,686	87.3	30.8	33,227	8.6	225,395	59.7	84,800
2d	568,464	15.7	0.3	5.4	418,063	77.6	15.2	23,949	14.7	219,958	66.8	62,800
3d	568,465	13.5	5.9	3.2	428,542	81.5	19.0	27,150	12.5	226,909	58.7	59,800
4th	568,466	14.6	0.5	2.4	424,702	79.4	17.1	24,593	14.4	221,212	64.4	60,600
5th	568,468	13.5	0.6	5.0	421,189	81.6	20.7	26,606	11.8	209,899	66.2	69,200
PA	11,881,643	16.4	9.2	2.0	9,086,833	74.7	17.9	29,069	11.1	4,485,966	70.6	69,700
1st	565,842	12.7	52.4	9.9	412,588	58.1	10.4	20,372	28.0	202,744	59.4	37,800
2d	565,850	14.9	62.2	1.6	439,005	69.2	21.9	24,880	20.9	222,487	55.6	42,800
3d	565,866	17.8	4.9	4.7	437,241	66.8	12.7	19,157	10.9	218,642	71.1	65,800
4th	565,792	16.4	3.2	0.5	431,888	77.5	15.3	26,762	10.8	215,984	76.0	65,700
5th	565,813	13.9	1.0	0.8	431,586	75.7	15.3	23,924	14.6	205,789	72.2	47,900
6th	565,780	16.9	2.5	3.3	435,116	69.8	12.6	26,766	4.8	218,537	74.1	66,500
7th	565,746	15.1	3.8	0.9	440,851	84.6	31.0	41,710	4.8	211,077	74.3	134,500
8th	565,787	10.8	2.8	1.6	421,078	83.2	26.1	43,483	3.9	189,677	75.4	140,700
9th	565,803	15.3	1.2	0.4	425,600	70.2	10.0	24,309	12.1	212,351	75.2	49,700
10th	565,881	16.8	1.1	0.8	426,771	75.0	13.9	25,648	11.0	212,813	71.8	70,800
11th	565,913	18.7	0.9	0.7	441,306	71.7	12.7	24,310	10.7	218,989	72.0	58,000
12th	565,794	17.0	1.3	0.4	431,900	71.6	10.8	22,024	14.9	213,368	75.0	44,400
13th	565,793	15.5	6.1	1.2	439,132	84.5	33.5	44,764	3.5	211,736	73.0	147,500
14th	565,787	17.5	17.8	0.8	449,638	76.0	22.6	24,751	16.3	231,642	58.6	52,000
15th	565,810	15.0	2.2	4.7	434,898	74.1	18.2	33,049	7.1	213,418	71.8	102,100

See footnotes at end of table.

**Summary Social and Economic Characteristics—Congressional Districts—Continued**  
 [As of April 1. For definition of median, see Guide to Tabular Presentation]

STATE AND DISTRICT	POPULATION					Per cent high school graduate or higher	Per cent bachelor's degree or higher	Median household income in 1969 (dol.)	Per cent of persons below poverty level	OCCUPIED HOUSING UNITS		Median value of specified owner-occupied housing units (dol.)
	Total population	Per cent 65 years old and over	Per cent Black	Per cent Hispanic	Voting-age population					Total	Per cent owner occupied	
18th	565,636	12.0	5.2	3.8	416,976	76.4	24.3	37,553	7.2	197,685	70.9	115,800
17th	565,742	13.5	6.7	1.9	427,245	75.4	16.3	31,841	7.7	216,856	68.9	76,700
16th	565,781	18.5	7.8	0.6	447,927	80.0	21.0	29,003	9.0	232,220	68.9	55,800
15th	565,831	13.3	2.6	1.3	432,100	74.2	18.0	32,424	6.4	212,004	73.3	80,600
20th	565,815	16.8	3.2	0.5	436,822	75.7	17.2	26,294	12.8	217,875	74.8	56,900
21st	566,802	14.8	3.9	0.8	425,058	76.5	14.8	25,845	12.9	209,675	71.8	50,600
RI	1,003,484	15.0	3.9	4.6	777,774	72.0	21.3	32,181	8.6	377,977	69.5	133,500
1st	501,677	15.6	3.3	3.8	392,673	70.7	21.9	31,675	9.2	181,853	55.6	137,300
2d	501,787	14.4	4.5	5.3	384,801	73.3	20.7	32,729	10.0	186,124	63.4	130,200
SC	3,486,703	11.4	29.8	0.9	2,586,496	68.3	16.6	26,256	15.4	1,258,044	69.4	71,100
1st	581,125	9.3	20.1	1.4	427,603	77.9	19.8	28,705	12.5	211,114	65.4	75,700
2d	581,111	10.2	25.4	1.4	431,032	78.1	24.0	30,500	12.3	210,510	68.4	73,700
3d	581,104	12.9	20.7	0.5	435,406	64.3	14.4	25,897	13.3	215,780	74.5	54,400
4th	581,113	12.3	19.7	0.6	437,837	67.3	17.6	27,703	11.3	220,099	68.2	58,500
5th	581,131	11.8	30.8	0.6	422,576	62.9	12.5	25,215	16.0	205,042	73.5	53,300
6th	581,119	11.8	62.2	0.6	412,043	59.2	11.4	19,254	26.9	195,499	67.8	48,500
SD	696,604	14.7	9.5	0.8	497,642	77.1	17.2	22,509	15.9	269,034	66.1	45,200
TN	4,877,185	14.7	16.9	0.7	3,666,581	67.1	16.0	24,607	15.7	1,853,728	68.0	58,400
1st	541,875	14.0	1.9	0.4	416,894	61.8	12.7	21,952	16.8	210,393	74.6	51,200
2d	541,864	13.0	6.6	0.6	416,775	70.0	14.1	25,267	14.1	212,752	68.5	59,700
3d	541,866	13.7	11.6	0.6	410,195	67.5	16.0	24,687	15.1	209,558	68.7	55,200
4th	541,868	14.4	3.8	0.4	405,759	56.4	9.0	20,685	18.3	204,747	75.7	44,600
5th	541,910	11.6	22.8	0.9	416,547	75.0	23.3	26,206	12.9	218,369	54.8	71,500
6th	541,977	10.9	5.7	0.6	399,124	68.2	17.2	29,234	11.3	197,185	74.2	71,400
7th	541,937	10.1	12.4	1.1	396,773	72.5	18.6	29,242	12.0	197,446	70.9	69,600
8th	541,907	14.1	19.7	0.7	402,139	62.8	10.4	22,622	16.8	200,919	70.3	47,400
9th	541,981	12.4	59.2	0.7	394,375	69.5	17.3	22,117	24.2	202,386	55.5	55,700
TX	16,986,510	10.1	11.9	25.5	12,150,671	72.1	20.3	27,016	18.1	6,070,937	60.9	59,600
1st	566,217	16.0	18.1	3.2	416,554	68.1	23.1	21,697	20.1	212,663	72.5	44,100
2d	566,217	14.2	16.7	5.6	414,273	64.9	10.4	21,216	20.5	202,546	74.2	42,200
3d	566,217	8.5	4.4	6.0	419,575	91.3	41.3	45,232	4.0	218,161	66.9	101,000
4th	566,217	13.7	8.4	4.3	413,296	73.7	16.3	26,974	13.7	211,624	70.6	57,500
5th	566,217	11.8	16.3	17.9	414,181	66.2	14.3	24,045	19.6	207,288	59.0	53,800
6th	566,217	6.0	4.4	5.4	411,725	90.1	40.7	42,157	5.8	222,256	65.0	86,500
7th	566,217	5.7	5.9	11.9	412,822	90.1	29.2	35,454	10.7	200,327	64.0	79,300
8th	566,217	7.0	5.2	7.2	408,226	83.0	29.2	35,454	10.7	212,633	63.4	53,800
9th	566,217	11.2	21.7	9.4	410,971	78.4	18.9	29,420	15.8	212,633	63.4	53,800
10th	566,217	7.1	11.2	21.4	430,148	83.2	34.5	27,280	16.2	228,606	45.2	77,400
11th	566,217	12.6	15.9	12.3	413,528	72.6	14.6	22,283	18.4	200,738	59.4	50,400
12th	566,217	11.8	8.0	16.3	412,814	70.9	15.3	27,366	14.1	207,789	61.5	57,800
13th	566,217	14.3	8.0	18.4	409,490	66.9	13.7	20,907	21.3	208,096	64.8	38,600
14th	566,217	13.5	10.8	23.6	407,375	66.1	13.8	23,812	20.0	201,932	68.9	52,800
15th	566,217	11.0	1.1	74.5	388,299	50.8	11.5	17,666	37.5	164,944	69.9	37,200
16th	566,217	8.3	3.6	70.4	382,985	63.3	15.4	22,632	27.0	170,915	58.1	57,600
17th	566,217	15.9	3.5	17.2	412,570	66.2	13.4	21,532	19.1	210,111	70.6	38,900
18th	566,217	8.8	50.9	15.3	414,418	66.6	17.5	22,531	25.2	208,958	48.8	47,000
19th	566,217	10.2	2.5	19.6	403,001	78.0	20.8	27,267	14.7	206,449	65.1	55,400
20th	566,217	9.6	5.8	60.7	396,984	68.4	15.6	22,372	24.4	192,134	50.1	49,900
21st	566,217	13.5	2.5	14.1	420,498	83.7	28.0	32,103	9.7	217,636	66.8	78,400
22d	566,217	6.8	7.8	16.1	406,687	64.3	32.6	40,654	7.9	201,164	64.1	48,200
23d	566,217	9.0	2.9	62.5	374,947	59.7	16.6	21,555	29.5	174,390	68.1	48,200
24th	566,217	8.7	19.1	21.8	396,176	68.7	15.4	27,535	15.9	194,359	59.5	59,400
25th	566,217	7.0	26.9	16.7	405,030	78.3	22.5	30,614	13.7	209,966	51.5	57,600
26th	566,217	5.0	4.2	9.2	422,747	88.3	37.0	40,533	5.8	224,688	53.7	99,500
27th	566,217	10.3	2.4	66.2	380,622	60.5	14.8	21,552	29.7	177,612	61.0	47,700
28th	566,217	10.6	8.5	60.4	382,636	58.4	8.3	20,276	28.2	178,888	68.6	40,400
29th	566,217	7.6	10.2	60.6	377,455	48.0	6.5	20,612	27.9	175,693	46.2	38,500
30th	566,217	7.9	50.0	17.1	407,638	68.8	16.4	23,144	22.6	210,424	37.4	80,100
UT	1,722,850	8.7	0.7	4.9	1,066,406	88.1	22.3	28,470	11.4	537,273	68.1	68,900
1st	574,266	9.4	0.9	4.7	390,394	85.6	20.5	30,563	10.1	176,861	71.5	89,000
2d	574,241	9.0	0.6	4.9	379,147	87.4	27.1	30,990	8.9	193,316	64.9	76,900
3d	574,323	7.7	0.5	5.1	355,865	82.1	18.6	26,570	15.2	167,076	68.3	80,100
VT	562,756	11.8	0.3	0.7	419,675	80.8	24.3	29,792	9.9	210,659	69.6	66,600
VA	6,187,358	10.7	16.8	2.6	4,662,620	75.2	24.5	33,328	10.2	2,291,630	66.3	91,000
1st	562,677	11.3	17.9	1.6	418,734	77.3	21.1	33,285	8.3	205,478	70.3	93,200
2d	562,276	7.2	16.6	3.3	419,231	85.3	23.6	32,576	8.1	182,765	57.0	83,100
3d	562,431	11.8	64.1	1.4	414,401	64.0	12.7	22,556	21.6	209,391	50.7	62,400
4th	562,466	11.5	32.1	1.1	415,002	69.3	14.1	30,425	11.4	198,069	71.2	73,200
5th	562,268	14.4	24.8	0.6	433,192	60.7	13.3	24,807	14.1	212,145	72.0	56,000
6th	562,572	14.6	11.5	0.7	437,920	69.8	16.7	27,155	11.1	215,001	68.1	65,100
7th	562,643	11.0	10.0	1.0	424,882	81.9	30.5	38,865	5.3	217,794	70.4	91,800
8th	562,484	9.4	13.4	0.5	433,970	88.6	48.0	48,839	5.4	232,754	54.8	208,900
9th	562,380	13.4	2.5	2.2	411,822	81.2	11.7	20,857	19.1	210,961	73.9	49,100
10th	562,664	7.5	5.8	2.2	411,822	81.2	30.3	46,205	4.9	197,675	74.2	155,400
11th	562,497	6.0	8.2	7.4	419,933	90.4	44.3	54,369	3.9	198,797	67.6	191,000

See footnotes at end of table.



**Summary Social and Economic Characteristics—Congressional Districts—Continued**

(As of April 1. For definition of median, see Guide to Tabular Presentation)

STATE AND DIS- TRICT	POPULATION					Per- cent high school grad- uate or high- er <sup>3</sup>	Per- cent bache- lor's degree or high- er <sup>3</sup>	Median house- hold income in 1989 (dol.)	Per- cent of per- sons below pov- erty level	OCCUPIED HOUSING UNITS		Median value of specified owner- occupied housing units <sup>4</sup> (dol.)
	Total population	Per- cent 65 years old and over	Per- cent Black	Per- cent His- panic <sup>1</sup>	Voting- age population					Total	Per- cent owner occu- pied	
WA . . . .	4,866,892	11.8	3.1	4.4	3,605,306	83.8	22.9	31,183	10.9	1,872,431	62.6	93,400
1st . . .	540,745	9.5	1.3	2.3	401,047	90.7	31.2	40,390	5.1	205,181	66.8	146,200
2d . . .	540,739	12.3	0.9	3.0	396,004	83.4	17.7	31,305	9.4	202,215	65.7	100,500
3d . . .	540,745	12.7	0.9	2.5	392,267	81.5	16.9	29,154	11.3	206,863	64.9	70,400
4th . . .	540,744	12.5	1.0	15.9	380,303	73.0	16.1	25,055	17.6	196,812	63.2	60,300
5th . . .	540,744	13.4	1.2	3.4	398,869	83.0	20.3	25,107	15.3	207,264	63.8	57,700
6th . . .	540,742	14.3	5.4	3.1	403,037	82.3	17.8	27,882	12.7	211,878	61.5	74,700
7th . . .	540,747	14.7	10.0	3.5	447,790	86.4	37.0	29,707	12.2	244,606	49.7	133,300
8th . . .	540,742	7.9	1.6	2.3	388,671	86.7	29.0	42,379	5.3	195,949	72.1	142,200
9th . . .	540,744	9.2	5.4	3.7	397,317	84.6	18.2	32,194	9.6	201,969	58.3	93,300
WV . . . .	1,783,477	15.0	3.1	0.6	1,349,900	66.0	12.3	20,766	19.7	668,557	74.1	47,900
1st . . .	598,056	15.6	1.6	0.5	458,552	70.9	13.7	21,903	17.3	230,990	73.9	46,700
2d . . .	597,921	14.4	3.3	0.5	448,825	67.3	13.1	22,253	17.6	230,330	73.9	55,600
3d . . .	597,500	15.0	4.5	0.4	444,523	69.7	10.2	18,166	24.1	227,237	74.4	41,900
WI . . . .	4,891,769	13.3	6.0	1.9	3,602,787	78.6	17.7	29,442	10.7	1,822,118	66.7	62,500
1st . . .	543,530	12.5	5.4	3.4	397,289	77.1	14.8	31,431	9.8	196,940	68.5	61,700
2d . . .	543,532	11.3	2.1	1.2	412,393	84.8	26.7	30,625	10.1	206,577	60.6	70,000
3d . . .	543,533	14.0	0.2	0.5	398,432	78.1	16.3	25,758	13.0	197,728	69.7	52,600
4th . . .	543,527	13.3	0.9	6.3	410,090	78.7	16.8	32,260	8.0	210,102	60.5	71,800
5th . . .	543,530	12.8	35.2	2.6	395,942	76.3	23.6	26,267	21.0	207,859	47.9	63,200
6th . . .	543,652	14.8	0.4	0.9	400,512	76.4	13.1	26,038	8.7	201,139	73.2	55,000
7th . . .	543,529	15.1	0.2	0.5	395,676	75.6	13.2	25,277	11.6	202,076	74.3	48,600
8th . . .	543,404	13.8	0.3	0.6	396,279	78.4	14.8	28,169	9.9	202,772	72.4	58,100
9th . . .	543,532	12.2	0.4	1.0	396,174	82.1	20.8	37,579	4.3	192,925	74.7	82,800
WY . . . .	453,588	10.4	0.8	5.7	318,063	83.0	18.8	27,066	11.9	168,839	67.8	61,600

<sup>1</sup> Persons of Hispanic origin may be of any race. <sup>2</sup> Persons 18 years old and over. <sup>3</sup> Persons 25 years old and over.<sup>4</sup> Specified owner-occupied housing units are limited to one-unit structures on less than 10 acres and no business on property.

Source: U.S. Bureau of the Census, 1990 Census of Population and Housing, Population and Housing Characteristics for Congressional Districts of the 103rd Congress (1990 CPH-4).

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